AUTHOR INDEX VOLUMES 261-270



Aaron, J.J. 269(1992)193 Ache, H.J. 269(1992)83 Adams, F.C. 262(1992)285 Adeloju, S.B.O. 270(1992)143 Agudo, M. 264(1992)265 Aguilar Gallardo, A. 270(1992)45

Ahel, M. 268(1992)195 Akiyama, M. 263(1992)101 Alerm, L. 269(1992)29

Ali, A.H. 264(1992)319, 264(1992)327 Alonso-Chamarro, J. 261(1992)219, 261(1992)

Alonso-Chamarro, J. 261(1992)219, 261(1992)419 Alvarez Bolainez, R.M. 269(1992)89

Alvarez Bolainez, K.M. 269(Angnes, L. 267(1992)171 Aoki, T. 261(1992)335 Archer, F.A. 262(1992)243 Arefyev, A.A. 261(1992)351 Ares, J. 268(1992)135 Ariga, T. 268(1992)39

Arruda, M.A.Z. 261(1992)59, 261(1992)533

Arryanto, Y. 263(1992)119 Asano, S. 268(1992)39 Asp, T.N. 265(1992)87 Atsumi, H. 261(1992)275 Avsec, H. 268(1992)307 Ayala, N.L. 269(1992)123

Baccan, N. 261(1991)339 Badia, A. 262(1992)87 Baeza-Baeza, J.J. 266(1992)133 Baffi, F. 270(1992)79 Baggett, N. 265(1992)111 Balconi, M.L. 261(1992)295 Bapat, J.B. 261(1992)287 Barakat, S.A. 270(1992)213 Barber, R. 261(1992)219

Barbosa, J. 264(1992)229, 265(1992)157

Barceló, D. 262(1992)167, 263(1992)1, 270(1992)63 Bark, L.S. 263(1992)119, 268(1992)171

Barnes, D.E. 261(1992)441, 265(1992)71 Barnett, N.W. 264(1992)297 Barrón, D. 264(1992)229, 265(1992)157

Barth, P. 263(1992)111 Barthel, J. 265(1992)259

Bartrolí, J. 261(1992)219, 261(1992)419, 269(1992)29

Bassin, C. 269(1992)249
Batina, N. 267(1992)157
Bauer, W.F. 270(1992)223
Bauerschmidt, S. 265(1992)169
Béliveau, R. 269(1992)115
Benezra, J. 262(1992)67
Benmakroha, F. 264(1992)31
Benthin, S. 261(1992)145

Bergamin Fo., H. 261(1992)59, 261(1991)339

Bergenhem, N. 269(1992)143 Bermejo-Barrera, A. 264(1992)53 Bermejo-Barrera, M.P. 264(1992)53 Bernard, P.C. 267(1992)81 Berndt, H. 262(1992)261 Beyer, W. 268(1992)315 Bhindi, A.K. 265(1992)117 Biancardi, A. 264(1992)303 Biernat, J.F. 265(1992)127 Blaffert, T. 265(1992)243 Blanco González, E. 264(1992)241

Blum, L.J. 266(1992)331 Boeden, B. 268(1992)115 Bogdanski, S. 261(1991)29 Böhmer, H.-U. 265(1992)301 Bontempelli, G. 264(1992)221 Borgarello, M. 261(1992)295

Bos, M. 267(1992)73 Bosch, E. 264(1992)229, 265(1992)157 Bosch-Reig, F. 268(1992)73, 270(1992)253

Boss, C.B. 269(1992)89 Boudjerda, T. 264(1992)31 Boue, S. 267(1992)121 Boufenar, R. 264(1992)13 Boussemart, M. 262(1992)103 Bramanti, E. 264(1992)153 Branica-Jurković, G. 263(1992)37

Branica, M. 262(1992)129, 264(1992)249, 268(1992)275

Brienza, S.M.B. 261(1992)59 Bright, F.V. 262(1992)323

Brinkman, U.A.Th. 266(1992)175, 266(1992)233, 268(1992)55, 268(1992)205

208(1992)205 Brooks, D.S. 264(1992)107 Brooks, R.R. 266(1992)127 Brouwer, E.R. 268(1992)55 Brunetto, M.R. 261(1991)105 Bruzzone, R. 270(1992)79 Buffle, J. 269(1992)49 Bunce, O.R. 266(1992)287 Burgess, C. 266(1992)339 Burguera, J.L. 261(1991)23, 2

Burguera, J.L. 261(1991)23, 261(1992)53, 261(1991)105 Burguera, M. 261(1991)23, 261(1992)53, 261(1991)105

Burns, D.T. 270(1992)213 Butoh, M. 266(1992)251 Bysouth, S.R. 261(1992)75, 261(1992)549 Bystryak, S.M. 264(1992)359

Cabalín, L.M. 270(1992)239

Cacho, J. 264(1992)311
Cámara, C. 262(1992)91
Campíns-Falcó, P. 268(1992)73, 270(1992)39, 270(1992)253
Cano Pavón, J.M. 268(1992)153
Capomacchia, A.C. 266(1992)287
Cardeal, Z.L. 264(1992)365
Cardinale, A.M. 270(1992)79
Carlsson, U. 269(1992)143
Carrillo, F. 262(1992)91
Casas, I. 264(1992)115
Casassas, E. 268(1992)261
Case, M.A. 265(1992)111

Casella, I.G. 270(1992)161 Cataldi, T.R.I. 270(1992)161 Celeste, M. 269(1992)21 Cepeda, A. 269(1992)239

Cerdà, V. 267(1992)95, 267(1992)103, 269(1992)21

Chalom, J. 266(1992)243, 269(1992)211

Chan, C.C.Y. 270(1992)231

Chang, H.-L. 270(1992)101

Chang, W.-B. 269(1992)109

Chang, X. 268(1992)323

Chapoteau, E. 263(1992)159

Chashchin, V.L. 265(1992)21

Cheam, V. 269(1992)129

Chemnitius, G.C. 263(1992)93

Chen, C.-S. 270(1992)55

Chen, C.-Y. 265(1992)5

Chen, D. 261(1992)269

Chen, L. 267(1992)55, 267(1992)171

Chen, M.-X. 269(1992)35

Chen, S.-H. 268(1992)255

Chen, X. 262(1992)97

Chen, Y. 270(1992)173

Chen, Y.C. 264(1992)79

Cheng, J. 269(1992)223

Chiarizia, R. 266(1992)25

Chimenti, M.Z. 263(1992)159

Chin, K.Y. 264(1992)197

Chiswell, B. 265(1992)117

Cho, J.-K. 266(1992)287

Cho, M.Y. 264(1992)7

Choudhury, T.K. 266(1992)1

Christian, G.D. 261(1992)11

Christie, I.M. 269(1992)65

Ci, Y.-X. 269(1992)109

Ciceri, G. 261(1992)323

Ciglenečki, I. 267(1992)157 Cladera, A. 267(1992)95, 267(1992)103, 269(1992)21

Coale, K.H. 266(1992)345

Cole, R.B. 267(1992)121

Cooks, R.G. 266(1992)1

Cosović, B. 267(1992)157

Coulet, P.R. 266(1992)331 Couturier, R. 263(1992)85

Cox, R.L. 262(1992)145

Cserháti, T. 268(1992)247

Cui, H. 268(1992)301

Czech, B.P. 263(1992)159

Czolk, R. 269(1992)83

D'Agostino, A.T. 262(1992)269

Dams, R. 262(1992)193

Darby, P.R. 265(1992)111 Dasgupta, P.K. 268(1992)1

Daugvilaite, N. 265(1992)15

Dauphin, C. 268(1992)163

Debrah, E. 261(1992)75

Debska, B. 265(1992)201.

Deguchi, K. 261(1992)281

Deguchi, T. 261(1992)281

Dejarme, L.E. 266(1992)1

De la Guardia, M. 261(1991)23, 261(1992)53, 261(1991)105, 266(1992)119

Delalu, H. 266(1992)39

De la Peña, L. 269(1992)137

Deming, S.N. 270(1992)13, 270(1992)101

De Pablo, J. 264(1992)115

Deplanque, R. 265(1992)301, 265(1992)305

Derecskei, B. 262(1992)261

De Rooij, N.F. 269(1992)75

Desimoni, E. 270(1992)161

Desrosiers, R. 269(1992)129

Dewaele, J. 262(1992)193

Diamond, H. 266(1992)25

Díaz-Cruz, J.M. 264(1992)163, 268(1992)261

Dietz, M.L. 266(1992)25

Ding, C. 268(1992)185

Dinkel, D.M. 263(1992)131

Dierboua, F. 264(1992)31

Do, N.H. 266(1992)287

Dobčnik, D. 263(1992)147

Dorsey, J.G. 267(1992)1

Dossena, A. 264(1992)303

Downard, A.J. 262(1992)339, 269(1992)41

Drapp, B. 265(1992)267

Dreetz, C.D. 262(1992)299

Dreux, M. 267(1992)147

Durand, G. 262(1992)167

Duro, L. 264(1992)115

Edwards, R.T. 261(1992)287

El-Shahawi, M.S. 270(1992)213

Eltayeb, M.A.H. 268(1992)177

Endo, J. 262(1992)315

English, A.M. 262(1992)87

Ephraim, J.H. 267(1992)39

Eskola, J. 266(1992)205

Essling, A.M. 266(1992)25

Esteban, M. 264(1992)163, 268(1992)95, 268(1992)107,

268(1992)261

Estela, J.M. 267(1992)95, 267(1992)103, 269(1992)21

Evans, K.M. 268(1992)195

Fachinger, C. 270(1992)187

Fan, S.S. 262(1992)67

Fan, W. 262(1992)225

Fan, Z.-H. 270(1992)267

Fang, Y. 268(1992)159 Fang, Z. 261(1992)557

Fang, Z.-L. 269(1992)9

Farinotti, R. 266(1992)243, 269(1992)211

Fernández, P. 264(1992)311

Fernandez-Romero, J.M. 263(1992)43, 264(1992)275

Ferraris, J. 269(1992)115

Ferraroli, R. 261(1992)295, 269(1992)177

Ferreira, V. 264(1992)311

Ferrett, P.C. 261(1992)287

Fiechter, A. 265(1992)63

Fileman, T.W. 268(1992)195

Filippini, C. 265(1992)63
Flatt, J.R. 264(1992)107
Fontain, E. 265(1992)227
Förster, T. 265(1992)227
Förster, T. 265(1992)239
Franco, C.M. 269(1992)345
Franzke, H. 268(1992)285
Freire dos Reis, B. 261(1991)339
Frenzel, W. 261(1992)253
Freskgård, P.-O. 269(1992)143
Fudagawa, N. 265(1992)93
Fujinaga, K. 264(1992)71
Fujita, M. 261(1992)39
Fukushima, M. 264(1992)91, 270(1992)153
Fung, Y.-S. 261(1992)375

Furusawa, M. 269(1992)187

Gács, I. 269(1992)177 Gallignani, M. 261(1992)53 Gandhi, M.N. 270(1992)87 Gao, Y. 270(1992)205 Gao, Z. 268(1992)185 García-Mesa, J.A. 261(1992)367 García-Vargas, M. 262(1992)41 García Alonso, J.I. 264(1992)241 García De María, C. 261(1992)137 Garcia Mateo, J.V. 265(1992)81 Garcia Mateo, V. 264(1992)283 García Pinto, C. 264(1992)291 García Sánchez, F. 270(1992)45 Gardella, Jr., J.A. 262(1992)323 Garrigues, S. 261(1992)53 Gasteiger, J. 265(1992)169, 265(1992)233 Gauglitz, G. 265(1992)267 Gautier, S.M. 266(1992)331 Gebauer, C.R. 263(1992)159 Geerdink, R.B. 268(1992)55 Gélinas, Y. 269(1992)115 Ghaddaf, M. 262(1992)103 Gibson, T.D. 266(1992)309 Giglio, J.J. 264(1992)97 Gilpin, R.K. 269(1992)157 Giménez, J. 264(1992)115 Giménez Plaza, J. 268(1992)153 Giné, M.F. 261(1992)533 Girard, A. 263(1992)85 Givens, R.S. 266(1992)219 Gómez, E. 267(1992)95, 267(1992)103 Gómez-Hens, A. 269(1992)137 Gomišček, S. 263(1992)147, 268(1992)307 González, A. 264(1992)141 Gooijer, C. 262(1992)201 Gotoh, M. 265(1992)5 Graczyk, D. 266(1992)25 Granacher, S. 268(1992)235 Graves, G.A. 264(1992)97 Gray, C.J. 265(1992)111 Greibrokk, T. 265(1992)87

Grisel, A. 269(1992)75 Grzeszczyk, E.A. 261(1992)75 Guilbault, G.G. 266(1992)325 Guo, X. 266(1992)127

Haapakka, K. 266(1992)51, 266(1992)205 Hamada, Y. 264(1992)131 Hammerich, O. 268(1992)331 Hamon, M. 264(1992)365, 268(1992)163 Hanebeck, W. 265(1992)169 Hansen, E.H. 261(1992)125 Hara, H. 261(1992)411 Haraguchi, H. 267(1992)141 Harduf, H. 268(1992)235 Harino, H. 264(1992)91 Harriott, M. 270(1992)213 Hart, B.T. 261(1992)287 Hart, J.B. 269(1992)41 Hase, U. 268(1992)225 Hasebe, K. 270(1992)153 Haswell, S.J. 269(1992)1 Haubenwallner, S. 268(1992)315 Hausbeck, R. 263(1992)111 Havel, J. 264(1992)115 Hayakawa, K. 266(1992)251 Hayashi, J. 266(1992)359 Hayward, G. 264(1992)23 He, F.J. 268(1992)311 Hebisch, R. 268(1992)115 Henrion, G. 268(1992)115 Henrion, R. 268(1992)115 Herbreteau, B. 267(1992)147 Herráez-Hernández, R. 268(1992)73, 270(1992)39 Hicks, M.G. 265(1992)291 Higashi, K. 261(1992)241 Higuchi, K. 261(1992)345 Hiratani, K. 266(1992)89 Hitchman, M.L. 263(1992)53 Hoashi, M. 266(1992)127 Hobo, T. 266(1992)359 Hogendoorn, E.A. 268(1992)205 Holthuis, J.J.M. 266(1992)233 Hong, H. 262(1992)179 Hoogendam, E. 267(1992)73 Hool, K. 266(1992)279 Hori, T. 261(1992)189 Horvath, W.J. 269(1992)99 Horwitz, E.P. 266(1992)25 Hsu, C.S. 264(1992)79 Hu, W. 267(1992)141 Hu, Z. 262(1992)97 Huang, S.-D. 267(1992)31 Huang, S.-S. 262(1992)331 Huang, Y.L. 266(1992)317 Huber, C.O. 263(1992)63 Huie, C.W. 269(1992)99 Hull, R.D. 267(1992)1 Hungerford, J.M. 261(1992)351

Ida, K. 261(1992)197 Iida, C. 264(1992)101 Ijyuin, H. 261(1992)505 Imai, K. 266(1992)225 Imai, N. 269(1992)263 Imato, T. 261(1992)405 Ingenhoff, J. 265(1992)267 Inokura, Y. 268(1992)225 Ishibashi, N. 261(1992)405

Ishii, D. 261(1992)241, 261(1992)505, 270(1992)217

Ishii, D. 261(1992)241, 261(Ishii, E. 264(1992)131 Ishizuki, T. 261(1992)87 Isobe, K. 263(1992)93 Itabashi, H. 261(1992)213 Itoh, S. 266(1992)353 Itoh, S.-i. 267(1992)131 Ivnitskii, D.M. 261(1992)45 Izawa, M. 261(1992)67

Jagner, D. 267(1992)165
Jain, A. 261(1992)233, 261(1992)261
Janowicz, K. 263(1992)155
Jaroniec, M. 269(1992)157
Jarvis, T.D. 266(1992)13
Jen, J.-F. 264(1992)259, 270(1992)55
Jermann, R. 269(1992)49
Jimena García, J.A. 268(1992)153
Jimenez, C. 261(1992)419
Jiménez-Prieto, R. 269(1992)273
Jin, L. 268(1992)159

Jin, W. 262(1992)123, 264(1992)213, 268(1992)185, 268(1992) 293, 268(1992)301

Johansson, G. 261(1992)435, 269(1992)59 Johnson, D.A. 270(1992)223 Johnson, K.S. 266(1992)345 Jordan, J.M. 270(1992)195 Juskowiak, B. 262(1992)79

Kaguei, S. 265(1992)55 Kalivas, J.H. 266(1992)13 Kálmán, F. 268(1992)247 Kamata, S. 261(1992)399 Kamaya, M. 264(1992)131 Kamel Harrata, A. 267(1992)121 Kanda, S. 266(1992)225 Kaneco, S. 267(1992)131 Kanesato, M. 262(1992)161 Kang, S.W. 261(1992)197 Kankare, J. 266(1992)205 Karlíček, R. 269(1992)199 Karube, I. 263(1992)93, 263(1992)101, 265(1992)5 Kateman, G. 265(1992)133, 265(1992)211, 268(1992)123 Kato, A. 264(1992)101 Katsu, T. 265(1992)1 Katz, E.Y. 266(1992)97 Kawakami, K. 261(1992)335 Kawashima, T. 261(1992)167, 261(1992)183, 261(1992)213

Kayamoto, T. 265(1992)1

Keller, H.R. 263(1992)21, 263(1992)29, 267(1992)63, 268 (1992)81Khalaf, K.D. 266(1992)119 Khopkar, S.M. 270(1992)87 Khuhawar, M.Y. 268(1992)49 Kiba, N. 269(1992)187 Kikuchi, Y. 264(1992)65 Kim, C.-J. 264(1992)125 Kim, J.-M. 264(1992)125 Kim, J.M. 266(1992)317 Kimura, J. 263(1992)93 King, G. 268(1992)81 Kirichenko, T.I. 263(1992)169 Kirste, B. 265(1992)191 Kitano, M. 266(1992)353 Kobayashi, M. 261(1992)471 Kobayashi, S. 262(1992)161 Kobayashi, T. 261(1992)505 Kodama, S. 264(1992)59 Kojima, I. 264(1992)101 Kojima, T. 264(1992)59 Kokot, S. 268(1992)81 Kolev, S.D. 268(1992)7 Kolotyrkina, I.Y. 261(1992)307 Konieczka, P. 265(1992)127 Koppang, M.D. 262(1992)145 Korenaga, T. 261(1992)67, 261(1992)345, 261(1992)539 Koriyama, T. 262(1992)19 Kościelniak, P. 261(1992)115 Koshino, K. 261(1992)205 Koshizaki, N. 266(1992)89 Koshy, K. 261(1992)287 Kosmus, W. 268(1992)315 Koudelka-Hep, M. 269(1992)75 Kouwatli, H. 266(1992)243 Kricka, L.J. 266(1992)193 Kristjansson, F. 262(1992)209 Krivan, V. 263(1992)111, 264(1992)345 Kronkvist, K. 269(1992)59 Krug, F.J. 261(1992)533 Kubota, M. 265(1992)93 Kulmala, S. 266(1992)51, 266(1992)205 Kulys, J. 265(1992)15 Kumar, A. 263(1992)159 Kuno, Y. 270(1992)181 Kurdikar, D.L. 262(1992)1 Kurochkin, V.E. 261(1992)45 Kurzawa, J. 263(1992)155 Kurzawa, Z. 263(1992)155 Kusu, S. 261(1992)411 Kvalheim, O.M. 263(1992)29, 267(1992)63 Kwakman, P.J.M. 266(1992)175

Lafosse, M. 267(1992)147 Lahuerta Zamora, L. 265(1992)81 Landgraf, M.D. 268(1992)67, 269(1992)205 Lang, E. 265(1992)277, 265(1992)283

Kwon, H.-S. 264(1992)7

Larrechi, M.S. 268(1992)95, 268(1992)107

LaRue, R.M. 261(1991)29

Laserna, J.J. 270(1992)239

Lati, E. 268(1992)163

Lauritsen, F.R. 266(1992)1

Lawson, G. 269(1992)129

Lechner, J. 269(1992)129

Lee, M.-K. 267(1992)137

Lee, S.-M. 263(1992)101, 264(1992)125

Leonidou, I. 270(1992)101

Lepesheva, G.I. 265(1992)21

Lewis, S.W. 266(1992)257

Li, T.-H. 268(1992)123

Li, X.-M. 262(1992)27, 269(1992)35

Liang, M.-K. 267(1992)111

Liang, W. 262(1992)253

Liang, Y.-Z. 269(1992)307

Liang, Y.Z. 263(1992)29, 267(1992)63

Lima, J.L.F.C. 261(1992)59

Lin, H.-G. 262(1992)331

Lin, Y. 263(1992)71

Lindner, W. 270(1992)1

Ling, Y.-C. 267(1992)111

Lingeman, H. 266(1992)233, 268(1992)55

Lipiäinen, K. 266(1992)51

Lister, P. 265(1992)305

Litwiler, K.S. 262(1992)323

Liu, J. 261(1992)247, 269(1992)223

Liu, M. 262(1992)97

Liu, Q. 269(1992)223

Liu, S. 266(1992)67, 268(1992)1

Liu, W. 266(1992)67

Liu, Y.-M. 264(1992)121

Liu, Z.-S. 267(1992)31

Łobiński, R. 262(1992)285 López García, A. 264(1992)241

Lu, J. 262(1992)225

Luboch, E. 265(1992)127

Lucas, I. 266(1992)201

Lucasius, C.B. 265(1992)211, 268(1992)123

Lukyanenko, N.G. 263(1992)169

Lunar, M.La. 268(1992)145

Lund, W. 262(1992)299

Luo, X. 268(1992)323

Luque de Castro, M.D. 261(1992)269, 261(1992)367, 261

(1992)425, 263(1992)43, 264(1992)275 Lynes, A. 266(1992)257

Lytle, F.E. 263(1992)131

Ma, H. 261(1992)247

Maass, R. 265(1992)305 Maeda, M. 266(1992)213

Maeda, Y. 266(1992)353

Mahedero, M.C. 269(1992)193

Mahuzier, G. 266(1992)243, 269(1992)211, 269(1992)239

Maisterrena, B. 263(1992)85

Makino, H. 265(1992)5

Malick, R.E. 267(1992)1

Malin, M.J. 262(1992)67

Mansour, M. 262(1992)167

Mantoura, R.F.C. 268(1992)195

Mánuel-Vez, M.P. 262(1992)41

Marchand, A. 266(1992)39 Marchelli, R. 264(1992)303

Marcos, J. 261(1992)489, 261(1992)495

Marek, M. 270(1992)131

Marko-Varga, G. 270(1992)63

Marrazza, G. 262(1992)13

Marshall, G.D. 265(1992)71

Marshall, R.W. 266(1992)309

Martinez, D. 263(1992)143

Martinez-Lozano, C. 265(1992)103, 268(1992)217

Martínez Calatayud, J. 264(1992)283, 265(1992)81

Martín Herrera, J.L. 268(1992)29

Martinotti, W. 261(1992)323

Marty, J.-L. 268(1992)347

Mas, F. 268(1992)261

Massart, D.L. 262(1992)135, 263(1992)21, 263(1992)29,

267(1992)63, 268(1992)81, 270(1992)1

Masuda, A. 261(1992)315

Masuda, Y. 263(1992)101

Masui, J. 270(1992)181

Matsumoto K. 261(1992)155

Matsunaga, H. 262(1992)161

Matsuoka, S. 268(1992)225

Matuszewski, W. 261(1992)391

Matysik, F.-M. 264(1992)177

Maxwell, S.R.J. 266(1992)265 Mayer, D. 268(1992)315

McCallum, J.J. 264(1992)31

McKelvie, I.D. 261(1992)287

McKerrell, E.H. 266(1992)257

McLellan, A.C. 263(1992)137 McLeod, S. 266(1992)107, 266(1992)113

Medina Hernández, M.J. 268(1992)29

Meier, H. 264(1992)13

Mekler, V.M. 264(1992)359

Mendichi, R. 262(1992)277

Menezes Santos Filha, M. 261(1991)339

Meng, J. 266(1992)67

Merchie, B. 263(1992)85

Meyer, M. 265(1992)183

Michalon, P. 263(1992)85

Michałowski, J. 261(1992)391 Mihailović, R. 265(1992)35

Mikac, N. 264(1992)249

Mikkelsen, S.R. 262(1992)87

Milanko, O.S. 264(1992)43, 269(1992)289

Milinković, S.A. 264(1992)43, 269(1992)289

Miller, G.H. 263(1992)175

Miller, J.N. 266(1992)339

Mincey, D.W. 264(1992)97

Mionetto, N. 268(1992)347

Miyazaki, M. 266(1992)251 Mizuno, T. 267(1992)131

Mo, S.-Y. 261(1992)375

Möller, J. 261(1992)253
Mongay-Fernández, C. 266(1992)133
Moors, M. 262(1992)135
Moreno Cordero, B. 264(1992)291
Morin-Allory, L. 267(1992)147
Moriwake, T. 261(1992)67
Morsink, J.B.W. 270(1992)107, 270(1992)115
Motomizu, S. 261(1992)225, 261(1992)461, 261(1992)471
Mulder, W.H. 268(1992)55
Müller, H. 268(1992)285
Munemori, M. 266(1992)353
Muraki, H. 261(1992)345

Naffrechoux, E. 270(1992)187 Nagashima, K. 264(1992)131 Nagy, G. 264(1992)177 Nakagawa, G. 261(1992)87, 261(1992)275 Nakajima, K. 263(1992)101, 270(1992)247 Nakamura, S. 270(1992)95 Nakano, S. 261(1992)167, 261(1992)183 Nakazawa, H. 261(1992)39 Namieśnik, J. 265(1992)127 Näntö, V. 266(1992)205 Naser, N. 264(1992)7 Nawawi, M.B. 266(1992)339 Nebel, A. 265(1992)305 Nesterenko, N.L. 263(1992)169 Neubert, K. 268(1992)247 Newman, J.D. 262(1992)13 Ng, K.C. 269(1992)123 Ng, W.-Y. 269(1992)35 Nie, L.-H. 263(1992)77, 268(1992)311, 269(1992)149 Nie, L.H. 268(1992)311 Nielsen, J. 261(1992)145 Nieman, T.A. 266(1992)279 Nogueira, A.R.A. 261(1992)59 Nohta, H. 267(1992)137

Ohashi, E. 262(1992)19 Ohkura, Y. 267(1992)137 Ohno, N. 261(1992)197 Ohta, K. 267(1992)131, 270(1992)247 Ohura, H. 261(1992)405 Okada, T. 266(1992)89 Olbrich, G. 265(1992)305 Oleksy-Frenzel, J. 261(1992)253 Ono, S.-y. 261(1992)39 Opydo, J. 262(1992)117 Orosz, G. 266(1992)219 Ortuño, J.A. 263(1992)143 Osajima, Y. 261(1992)155 Osteryoung, J. 264(1992)197 O'Toole, A. 266(1992)193 Ozawa, H. 267(1992)25

Nozawa, M. 261(1992)183

Nriagu, J. 269(1992)129

O'Dea, J.J. 264(1992)197

Pacella, A.J. 264(1992)97 Pal, A. 263(1992)175 Pal, T. 263(1992)175 Palasota, J.A. 270(1992)101 Palasota, J.M. 270(1992)13, 270(1992)101 Pardue, H.L. 270(1992)195 Patterson, R.T. 262(1992)87 Pavković, D. 263(1992)37 Pedersen-Bjergaard, S. 265(1992)87 Pelizzetti, E. 264(1992)303 Pelletier, E. 262(1992)307 Peng, J. 264(1992)213 Pérez-Bendito, D. 266(1992)43, 266(1992)301, 268(1992)145, 269(1992)137, 269(1992)273 Pérez, C. 262(1992)91 Pérez-Ruiz, T. 265(1992)103, 268(1992)217 Pérez Pavón, J.L. 264(1992)291 Petrukhin, O.M. 269(1992)229 Pin, C. 269(1992)249 Pingarrón, J.M. 264(1992)141 Polo, L.M. 264(1992)141 Popp, H. 265(1992)259 Posta, J. 262(1992)261 Postma, G.J. 265(1992)133 Powell, H.K.J. 262(1992)339, 267(1992)47, 269(1992)41 Pradeau, D. 264(1992)365 Pramauro, E. 264(1992)303 Prasad, K.M.M.K. 264(1992)137 Prasad, S. 264(1992)197 Prevot, A.B. 264(1992)303 Prognon, P. 269(1992)239 Pungor, E. 264(1992)177 Puy, J. 268(1992)261

Oi, P. 262(1992)253 Oi, W. 270(1992)205 Oian, K. 264(1992)79 Ou, X. 262(1992)123 Queirazza, G. 261(1992)323

Pablo, F. 270(1992)143

Raheem, S. 264(1992)137 Rajaković, Lj.V. 264(1992) 43, 269(1992)289 Ralys, E. 270(1992)131 Ramamurty, C.K. 264(1992)149 Ramanathan, S. 263(1992)53 Ramis-Ramos, G. 266(1992)133, 268(1992)29 Rammohan, V. 264(1992)149 Rao, C.R.M. 268(1992)357 Rao, N.M. 266(1992)279 Rao, T.A.S. 268(1992)357 Reader, S. 262(1992)307 Realini, F. 261(1992)295, 261(1992)323 Rechnitz, G.A. 264(1992)189, 267(1992)55 Reddi, G.S. 268(1992)357 Reeves, R.D. 266(1992)127 Reichert, J. 269(1992)83

Renman, L. 267(1992)165

Reviejo, A.J. 264(1992)141

Rezende, M.O.O. 268(1992)67, 269(1992)205

Riby, P.G. 269(1992)1

Ríos, A. 261(1992)489, 261(1992)495, 264(1992)265

Risinger, L. 261(1992)435

Rius, F.X. 268(1992)95, 268(1992)107

Roach, R.J. 262(1992)231

Robards, K. 266(1992)147

Rodenburg, P.H.M. 266(1992)233

Rodríguez García, E. 264(1992)291

Rosés, M. 264(1992)229, 265(1992)157

Roth, B. 265(1992)301

Rotunno, T. 270(1992)161

Rouillon, R. 268(1992)347

Ruan, F.-C. 269(1992)35

Rubio, S. 266(1992)43, 268(1992)145

Rucandio, M.I. 264(1992)333

Rudolph, C. 265(1992)233

Ruisánchez, I. 268(1992)95, 268(1992)107

Rupérez, A. 270(1992)239

Růžička, J. 261(1992)3, 261(1992)11

Sadana, R.S. 270(1992)231

Sadowski, J. 265(1992)233

Sagara, F. 261(1992)241, 261(1992)505, 270(1992)217

Sagrado Vives, S. 268(1992)29

Saito, T. 268(1992)351

Sakagishi, Y. 261(1992)39

Sakai, T. 261(1992)197

Sakamoto, C.M. 266(1992)345

Sakoda, K. 261(1992)155

Sakslund, H. 268(1992)331

Sakura, S. 262(1992)49, 262(1992)59, 262(1992)217

Salacinski, H.J. 269(1992)1

Salvador, A. 261(1991)23, 261(1991)105

Sancenón, J. 266(1992)119

Sánchez-Palacios, A. 268(1992)217

Sanchez-Pedreño, C. 263(1992)143

Sanz-Medel, A. 264(1992)241

Sartore, L. 262(1992)277

Sasaki, M. 261(1992)345

Sato, H. 265(1992)55

Sato, M. 264(1992)59

Sato, S. 270(1992)181

Satoh, K. 261(1992)213

Satomura, M. 261(1992)161

Sawada, K. 264(1992)65

Scarano, G. 264(1992)153

Scherbakov, S.V. 263(1992)169

Schiavon, G. 264(1992)221

Schiavon, O. 262(1992)277

Schmid, R.D. 263(1992)93, 266(1992)317

Schmit, J.-P. 269(1992)115

Schneider, Th.W. 262(1992)145

Schowen, R.L. 266(1992)219

Schreurs, M. 262(1992)201

Schulman, S.G. 269(1992)257

Schulz, K.-P. 265(1992)169

Scott, D.R. 265(1992)43

Sedliaková, V. 269(1992)199

Seiler, K. 266(1992)73

Sekerka, I. 269(1992)129 Sellien, W. 269(1992)83

Seraglia, R. 262(1992)277

Setiadji, R. 264(1992)205

Sevillano-Cabeza, A. 268(1992)73, 270(1992)39

Shabani, M.B. 261(1992)315

Shi, G.-R. 264(1992)121

Shibata, N. 265(1992)93

Shigetomi, Y. 264(1992)59

Shimizu, S. 266(1992)213

Shin, J.-S. 264(1992)125

Shinoda, S. 261(1992)67

Shpigun, L.K. 261(1992)307

Sicilia, D. 266(1992)43

Siemer, D.D. 270(1992)223

Silva, I.C.E. 268(1992)67

Silva, M. 266(1992)301, 269(1992)273

Silvestre, M. 268(1992)163

Simeon, V. 263(1992)37

Simeonsson, J.B. 269(1992)123

Simić, Z. 265(1992)35

Simon, W. 266(1992)73

Sitdikov, R.A. 261(1992)45

Skeen, R.S. 262(1992)1

Skládal, P. 269(1992)281

Skoog, M. 269(1992)59

Slobodnik, J. 268(1992)55

Smit, H.C. 270(1992)107, 270(1992)115

Snook, R.D. 262(1992)231

Solich, P. 269(1992)199

Solov'ev, A.A. 266(1992)97

Sonnleitner, B. 265(1992)63

Sonoda, M. 261(1992)39 Soomro, A.I. 268(1992)49

Sowa, T. 264(1992)59

Sperling, M. 261(1992)91, 261(1992)115, 261(1992)477, 269

(1992)9

Staszczuk, P. 269(1992)157

Steijger, O.M. 266(1992)233

Stewart, K.K. 261(1992)261 Stobaugh, J.F. 262(1992)209

Stout, P.M. 266(1992)345

Street, Jr., K.W. 262(1992)243

Strijckmans, K. 262(1992)193

Su, Y.-C. 265(1992)5

Su, Z. 268(1992)323

Subbaiyan, M. 269(1992)269

Sugihara, H. 266(1992)89

Sugiura, M. 266(1992)225

Sugiyama, M. 261(1992)189

Suleiman, A.A. 266(1992)325

Sumardi, 268(1992)171 Sun, D. 268(1992)293

Sun, L. 261(1992)557

Sun, Z.-a. 266(1992)325 Suptil, J. 270(1992)187

Suzuki, M. 261(1992)39, 263(1992)93

Suzuki, N. 270(1992)95

Suzuki, S. 261(1992)39, 261(1992)361, 263(1992)101

Suzuki, T. 264(1992)65 Suzuki, T.M. 262(1992)161 Syamsundar, S. 264(1992)149 Szczepaniak, W. 262(1992)79

Szostek, B. 261(1992)391, 261(1992)509, 261(1992)521

Tabata, M. 262(1992)315 Taga, M. 270(1992)153 Tajima, T. 261(1992)505 Takada, T. 270(1992)247 Takahashi, T. 261(1992)67

Takalo, H. 266(1992)205

Takenaka, N. 266(1992)353

Takeuchi, T. 267(1992)55, 267(1992)141

Takitani, S. 261(1992)39

Tamiya, E. 263(1992)101, 265(1992)5

Tanaka, A. 261(1992)281

Tanaka, M. 264(1992)91, 268(1992)39

Tauskela, J.S. 264(1992)185 Taylor, M.J.C. 265(1992)71 Terao, J. 262(1992)59, 262(1992)217

Tercier, M.-L. 269(1992)49 Teshima, N. 261(1992)213

Thai, N.H.H. 262(1992)87

Thakur, A. 262(1992)209

Thiagarajan, N. 269(1992)269

Thompson, M. 264(1992)185, 269(1992)167

Thornalley, P.J. 263(1992)137

Thorpe, G.H.G. 266(1992)193, 266(1992)265

Tian, B. 267(1992)171, 270(1992)137

Tian, L.-C. 261(1992)301 Tie, J.-K. 269(1992)109

Timerbaev, A.R. 269(1992)229

Titova, N.Y. 263(1992)169 Tod, M. 266(1992)243, 269(1992)211

Tôei, K. 261(1992)225, 261(1992)345

Tölle, U. 265(1992)305 Tomás, C. 269(1992)21

Tomás, V. 265(1992)103

Tong, W. 268(1992)159

Tong, Y. 269(1992)223

Toniolo, R. 264(1992)221

Torrero, M.E. 264(1992)115

Totani, M. 262(1992)315

Town, R.M. 267(1992)47

Townsend, R.W. 269(1992)257

Townshend, A. 261(1992)137, 261(1992)233

Traldi, P. 262(1992)277

Tran-Minh, C. 264(1992)13

Traoré, F. 269(1992)211

Treloar, P.H. 269(1992)65

Trevelin, W.R. 268(1992)67, 269(1992)205

Trojanowicz, M. 261(1992)391, 261(1992)509, 261(1992)521

Tsalev, D.L. 261(1992)91

Tsoi, I.G. 269(1992)229

Tsuji, A. 266(1992)213

Tsuji, T. 270(1992)217

Tsukioka, T. 267(1992)25

Tuon, R.L. 261(1992)533

Turko, I.V. 265(1992)21

Turner, A.P.F. 262(1992)13

Tyson, J.F. 261(1991)29, 261(1992)75, 261(1992)549

Uchiyama, S. 261(1992)361, 263(1992)101

Ueda, F. 269(1992)187

Ueno, K. 261(1992)241, 261(1992)505, 270(1992)217

Umetsu, K. 261(1992)213

Vadgama, P. 269(1992)65

Vajgand, V. 265(1992)35

Valcárcel, M. 261(1992)269, 261(1992)367, 261(1992)425,

261(1992)489, 261(1992)495, 264(1992)265, 264(1992)275

Valkó, K. 268(1992)247

Van den Berg, A. 269(1992)75

Van den Berg, C.M.G. 262(1992)103

Van den Bogaert, B. 270(1992)107, 270(1992)115

Vandenbosch, C. 270(1992)1

Van den Hoop, M.A.G.T. 264(1992)163

Van der Linden, W.E. 268(1992)7

Van der Schoot, B.H. 269(1992)75

Van Grieken, R.E. 267(1992)81, 268(1992)177

Van Leeuwen, H.P. 264(1992)163

Van Loon, L.R. 268(1992)235

Van Staden, J.F. 261(1992)381, 261(1992)441, 261(1992)453

Van Wie, B.J. 262(1992)1

Van Zoonen, P. 268(1992)205

Vargo, T.G. 262(1992)323

Vazquez, M.L. 269(1992)239

Velasco, A. 269(1992)273

Velthorst, N.H. 262(1992)201

Venkateswarlu, P. 262(1992)33

Ventura, S. 266(1992)301

Verdú-Andrés, J. 270(1992)253

Verma, K.K. 261(1992)233, 261(1992)261

Verney-Norberg, E. 269(1992)75

Veronese, F.M. 262(1992)277

Verschraagen, C. 268(1992)205

Vidal, L.H. 268(1992)67, 269(1992)205

Villadsen, J. 261(1992)145

Vissers, J.P.C. 262(1992)201

Vo-Dinh, T. 263(1992)175

Vončina, D.B. 263(1992)147

Von der Lieth, C.-W. 265(1992)277, 265(1992)283

Vrbová, E. 270(1992)131

Wada, H. 261(1992)87, 261(1992)275

Wakui, Y. 262(1992)161

Wallace, G.G. 263(1992)71

Wang, C. 265(1992)27

Wang, E. 261(1992)399

Wang, F. 268(1992)185

Wang, J. 264(1992)7, 264(1992)205, 267(1992)171, 270(1992)

Wang, J.-H. 269(1992)307 Wang, L. 265(1992)15 Wang, N. 262(1992)253 Wang, Q.-W. 269(1992)109

Wang, S. 268(1992)301 Wang, Y. 266(1992)295, 267(1992)165

Wasa, T. 261(1992)161 Weeks, I. 266(1992)201 Wei, W. 263(1992)77 Wei, W.-Z. 269(1992)149 Weigelt, T. 265(1992)183

Welz, B. 261(1992)91, 261(1992)115, 261(1992)477, 269(1992)9 Whitehead, T.P. 266(1992)193, 266(1992)265

Wienke, D. 265(1992)211 Wijesuriya, D. 264(1992)189 Wilke, S. 268(1992)285 Williams, R.C. 264(1992)97 Williams, T. 264(1992)297

Wilson, R. 269(1992)301 Winefordner, J.D. 264(1992)319, 264(1992)327, 269(1992)123

Wolf, B. 265(1992)267 Wong, K.-Y. 262(1992)27 Woodhead, J.S. 266(1992)201 Worsfold, P.J. 266(1992)147, 266(1992)257

Wu, H. 270(1992)205 Wu, H.-L. 268(1992)255 Wu, N. 269(1992)99

Wu, S.-M. 261(1992)301, 268(1992)255

Wu, X. 270(1992)205

Xie, X. 266(1992)325 Xie, Y.-L. 269(1992)307 Xin, X. 262(1992)179 Xu. K. 268(1992)323 Xu, S. 261(1992)557, 262(1992)339, 269(1992)41 Xu, T. 268(1992)159

Xu, Y. 262(1992)97

Yadav, R.B. 264(1992)149 Yakata, K. 261(1992)241 Yamada, H. 261(1992)87 Yamada, M. 266(1992)359 Yamada, S. 264(1992)1

Yamamoto, Y. 264(1992)59

Yamane, T. 261(1992)205, 269(1992)187

Yamasaki, S. 261(1992)405 Yamashoji, Y. 268(1992)39 Yan, C.-T. 264(1992)259 Yan, G.-F. 264(1992)121 Yanagawa, M. 261(1992)183 Yang, M. 269(1992)167 Yang, Z. 266(1992)325

Yao, S.-Z. 263(1992)77, 268(1992)311, 269(1992)149 Yao, T. 261(1992)161

Yazaki, S. 264(1992)131 Yebra-Biurrun, M.C. 264(1992)53 Yeung, E.S. 266(1992)295 Yin, X. 261(1992)477 Yoden, T. 261(1992)461 Yokoyama, K. 263(1992)101

Yoshida, I. 261(1992)241, 261(1992)505, 270(1992)217

Yoshida, K. 261(1992)225 Yoshimura, K. 268(1992)225 Youla, M. 269(1992)115

Yu, R.-Q. 262(1992)331, 269(1992)307

Zagatto, E.A.G. 261(1992)59 Zazulak, W. 263(1992)159 Zelić, M. 262(1992)129, 268(1992)275 Zhan, G. 268(1992)323 Zhang, L.-X. 270(1992)267

Zhang, X. 262(1992)225, 265(1992)27 Zhang, Z. 262(1992)225 Zhao, J. 268(1992)293

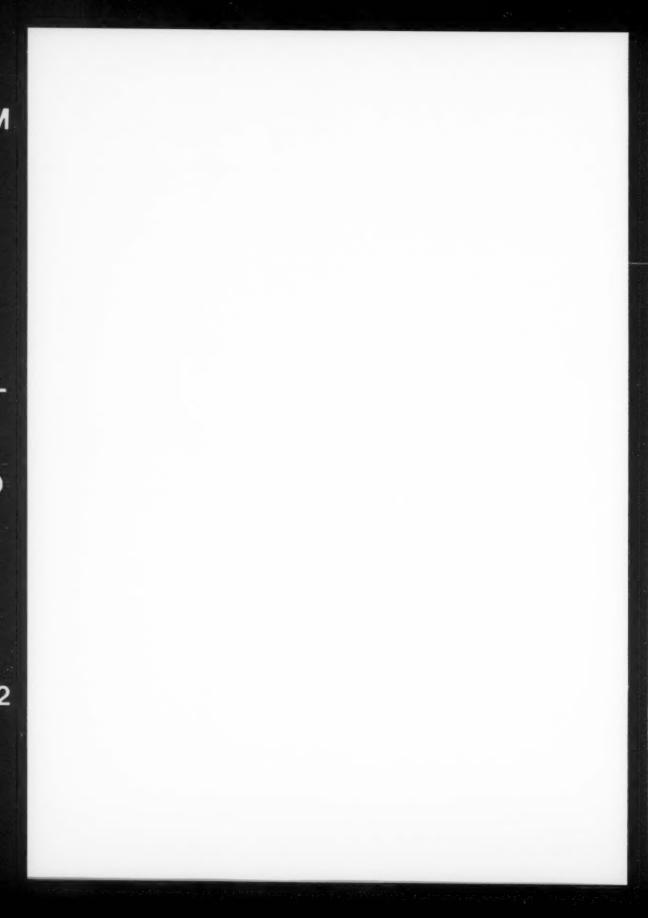
Zhao, X. 268(1992)185 Zheng, Y. 262(1992)123 Zhou, C. 270(1992)205 Zhou, H.-D. 270(1992)267 Zhou, S. 262(1992)253 Zhou, W. 268(1992)159

Zhou, X.J. 261(1992)67, 261(1992)87, 265(1992)27

Zhu, H. 268(1992)159 Zhu, W. 270(1992)173 Zie, Y. 263(1992)63 Zirino, A. 264(1992)153 Zolotov, Y.A. 261(1992)307 Zotti, G. 264(1992)221



SUBJECT INDEX VOLUMES 261-270





Absorptiometry

Flow system; Ion exchange; UV-VIS; Copper; Waters; 4,7-Diphenyl-2,9-dimethyl-1,10-phenanthroline disulphonate, Karst groundwater storm runoff 268(1992)225

Abstracts

Information content; Literature analysis; Research papers; Quality of analytical information 265(1992)133

Acetaminophen

Flow injection; Spectrophotometry; Paracetamol; Pharmaceuticals; 2-Iodylbenzoate oxidation 261(1992)261

Acetic acid

Anomalous thermal lens; Photodecarboxylation; Uranyl 262 (1992)231

Acetylcholine

Biosensors; Enzymatic meth.; Acetylcholinesterase, Choline oxidase, Hydrogen peroxide, Membrane entrapment 268 (1992)347

Acetylcholine receptor

Cholinergic ligands 267(1992)55

3-Acetyl pyridine

Biosensors; Neurotoxins 264(1992)189

Acid decomposition

Sample prep.; UV-VIS; Geological materials; Minerals; Rocks; Silica; Room temperature 268(1992)357

Acidic media

Chromatography; Uranium; Separation, Preconcentration, Extraction 266(1992)25

Acids

Flow injection; Spectrophotometry; Titrimetry; Acid-base, Unsegmented flow 261(1992)489

Conductimetry/oscillometry; Potentiometry; Titrimetry; Dissociation constants; Standardization; Tetrahydrofuran; Glass electrodes, Tetrabutylammonium salts 264(1992)229

Acid strength

Conductimetry/oscillometry; Potentiometry; Titrimetry; Benzoic acids; Dissociation constants; Tetrahydrofuran; Tetrabutylammonium salts 265(1992)157

Acoustic wave sensor

Acoustic meth.; Flow injection; Piezoelectric sensors; Quartz crystal, Thickness shear mode 269(1992)167

Acridinium salts

Chemiluminescence; Immunoassay; Hepatitis B antigen; Luminometer; Detection, Immunochemiluminometric assay 266 (1992)201

Adsorption

Polarography; Voltammetry; Cadmium; Lead; Stability constants 268(1992)275

Stripping voltam.; Voltammetry; Derivative current; Reversible interfacial reaction; Linear potential sweep 268 (1992)301

Aflatoxins

Liquid chrom.; Cyclodextrin; Inclusion compounds; Complex formation constants, Thermodynamic parameters 269(1992)

Air

At. emission spectrom.; Filters; Particulate matter; Plasmas; Inductively coupled, Leaching 262(1992)299

Fluorimetry; Ammonia; Passive dosimeter; Filter-paper, Fluorescamine, Sodium lauryl sulphate 263(1992)175

Chemiluminescence; Liquid chrom.; Sample prep.; Emission particulates; Engine emissions; Nitropyrenes; Diesel and gasoline engines, Reduction to aminopyrenes 266(1992)251

Chemiluminescence; Chlorine; Hydrogen chloride; Hydrogen peroxide 266(1992)353

Conductimetry/oscillometry; Flow injection; Preconcentration; Sulphur dioxide 269(1992)177

Air pollutants

Gas chromatography; Mass spectrometry; Expert systems; Pattern recognition; Toxic compounds, Organic compounds 265(1992)43

Alanine β-naphthylamide

Electrophoresis; N.m.r. spectrometry; Chiral recognition; Cyclodextrins; Enantiomeric separation; Inclusion complexes 268(1992)39

Aldehydes

Fluorimetry; N.m.r. spectrometry; 7-Hydroxycoumarin-4acethydrazide; Ketones 265(1992)111

Fluorimetry; Liquid chrom.; Carbonyl compounds; Ketones; Luminarin 3 269(1992)211

Alkaline earth metals

Extraction; Surfactants; Poly(oxyethylene), Triton X-100 264 (1992)65

Alkyllead compounds

Stripping voltam.; Extraction; Sea water; Waters; Differentialpulse anodic stripping, Hexane extraction, Nitric acid re-extraction 264(1992)249

Alumina

Thermometric meth.; Waters; Porosity 269(1992)157

Alumina powder

At. emission spectrom.; Optim. meth.; Data analysis; Genetic algorithms; Multicriteria target vectors, Simulations 265 (1992)211

Aluminium

Flow injection; Spectrophotometry; Iron; Multi-site detection; Plant materials; Detector relocation 261(1992)59

Fluorimetry; Flow injection; Flow system; Waters; Buffers, Eriochrome Red B, Room temperature 262(1992)91

Stripping voltam.; Voltammetry; Solochrome Violet RS 262 (1992)339

Aluminium determination

At. abs. spectrometry; Flow injection; Ion chromatogr.; Cation exchange; Waters; Beverages, Flame 269(1992)1

Aluminium monofluoride

At. abs. spectrometry; Bone; Fluoride; Molecular absorption spectrometry; Calcium phosphate, Formic acid 262(1992)33

Aluminium-silica-copper films

Experimental design; Optim. meth.; Process anal.; Analysis of variance; Integrated circuits; Metallization; Regression analysis; Interfacial properties 267(1992)111

Amines

Liquid chrom.; Amino acids; Peptides; Ferrocene tagging reagents; Electrochemical detection 262(1992)145

Chemiluminescence; Fluorimetry; Liquid chrom.; Luminarin I: Precolumn derivatization 266(1992)243

Amino acids

Flow injection; Spectrophotometry; Pyrolysis; Malachite Green, Peroxodisulphate digestion 261(1991)23

Liquid chrom.; Amines; Peptides; Ferrocene tagging reagents; Electrochemical detection 262(1992)145

Chemiluminescence; Flow injection; Fluorimetry; Reversed micelles; Schiff bases; Aerosol OT surfactant, Phenylacetaldehvde 266(1992)359

Titrimetry; Copper; Peptides; Caseine proteolysates 268 (1992)163

Chemiluminescence; Flow injection; Liquid chrom.; Metalloporphyrins; Mimetic peroxidase 269(1992)109

Aminoaza-3-bicyclo[3.3.0]octane

UV-VIS; Hydrazone, Monochloramine 266(1992)39

Ammonia

Flow injection; Spectrophotometry; Preconcentration; Waters; Cation-exchange column 261(1991)339

Fluorimetry; Air; Passive dosimeter; Filter-paper, Fluorescamine, Sodium lauryl sulphate 263(1992)175

Flow injection; Continuous flow; Micro-distillation; Nitrate; Nitrogen; Determination 266(1992)107

Sensors; pH; Waters; Immobilized pH indicator, Optical-chemical sensor 269(1992)83

Ammonium

Flow injection; Spectrophotometry; Fish farming; Sea water; Waters 261(1992)345

Anaesthetic gas monitoring

Piezoelectric sensors; Crystals, piezoelectric 264(1992)31

Analysis of variance

Experimental design; Optim. meth.; Process anal.; Aluminium-silica-copper films; Integrated circuits; Metallization; Regression analysis; Interfacial properties 267(1992)111

Anomalous thermal lens

Acetic acid; Photodecarboxylation; Uranyl 262(1992)231

Antigen-antibody binding

Fluorimetry; Immunoassay; Coproporphyrin-I; Immunoglobulin G; Langmuir-Blodgett films; Ferritin 265(1992)21

Antimony

At. abs. spectrometry; Arsenic; Hydride generation; Multivariate analysis; Selenium; Interferences, Multiple linear regression 268(1992)115

Antioxidant capacity

Chemiluminescence; Biological fluids 266(1992)265

Apples

Polarography; Sample prep.; Extraction; Foods; Organochlorine pesticides; Pesticides; Differential-pulse, Emulsified medium 264(1992)141

Arginine

At. abs. spectrometry; Preconcentration; Graphite furnace, Nafion-modified tungsten coil 268(1992)159

Arsenic

At. abs. spectrometry; Flow injection; Waters; Aluminium column, Arsine generation, Cold trapping 261(1991)105

At. abs. spectrometry; Antimony; Hydride generation; Multivariate analysis; Selenium; Interferences, Multiple linear regression 268(1992)115

At. abs. spectrometry; Hydride generation; Microwave digestion; Selenium; Electrical heating system 268(1992)315

At. abs. spectrometry; Flow injection; Hydride generation; Selenium; Environmental samples 270(1992)231

Artificial intelligence

Expert systems; Elemental analysis 270(1992)107

Expert systems; X-ray fluores, spectrometry; Elemental analysis 270(1992)115

Artificial neural network

I.r. spectrometry; Iteration algorithm 265(1992)183

Ascorbic acid

Flow injection; Voltammetry; Fruit juices; Soft drinks; Square-wave 261(1992)375

Fluorimetry; Foods; Landolt reaction; Serum; Urine; C₈ BNC₆N amphiphile, Iodine quenching, Vesicular system 262 (1992)79

Catalytic meth.; Cyclic voltammetry; Chemically modified electrodes; Pharmaceuticals; Electrocatalytic oxidation, Poly(1-naphthylamine) film, Transition metal ions 262(1992) 331

Aspartame

Fluorimetry; Liquid chrom.; Foods; Glutamate; Fluorescamine, Fluorigenic labelling 270(1992)45

Aspirin

Conductimetry/oscillometry; Pharmaceuticals; Piezoelectric sensor; Quartz crystal; Salicylic acid; Frequency shift, p-matrix calibration 263(1992)77

Atom-to-atom mapping

Optim. meth.; Genetic algorithms 265(1992)227

ATP

Bioluminescence; Flow injection; Bacterial ATP 266(1992)339

Atrazine

Gas chromatography; Estuarine samples; Simazine 268(1992) 195

Automated alkaline methods

Spectrophotometry; Blood; Cyanide; Haemoglobin; Micelles 262(1992)67

Automated analysis

Spectrum fitting; Minimization techniques, Simulations 265 (1992)191

B

Bacterial ATP

Bioluminescence; Flow injection; ATP 266(1992)339

Batch injection

Pipettes; Computerized pipettes, Programmable dispersion 267(1992)171

Bathophenanthroline

UV-VIS; Iron; Poly(vinyl chloride) membrane 268(1992)351

Beilstein current facts

CD-ROM; Databases 265(1992)291

Benzoic acids

Conductimetry/oscillometry; Potentiometry; Titrimetry; Acid strength; Dissociation constants; Tetrahydrofuran; Tetrabuty-lammonium salts 265(1992)157

Benzyltributylammonium cations

Flow injection; Spectrophotometry; Cupro-nickel alloy; Extraction; Liquid-liquid extraction; Manganese 270(1992)213

Bervllium

Potentiometry; Stripping voltam.; Trace measurement; Adsorptive stripping, Ultratrace determination 270(1992)137

Betamethasone

Liquid chrom.; Sample prep.; Dexamethasone; Pharmaceuticals; 1-Ethoxy-4-(dichloro-s-triazinyl)naphthalene 268(1992) 255

Beverages

Ion chromatogr.; Inorganic cations; Micellar bile salt coated column; Waters; Wine 267(1992)141

Rilirubin

Polarography; Voltammetry; Diffl. pulse voltammetry 268 (1992)185

Chemiluminescence; Peroxyoxalate reaction; Light emission 269(1992)99

Biological samples

Flow injection; Spectrophotometry; Proteins; Urine; Coomassie Brilliant Blue, Double-plunge pump, Titanium reaction tube 261(1992)67

Flow injection; Spectrophotometry; Cobalt; 2-(5-Bromo-2-pyridylazo)-(5-N-propyl-N-sulphopropylamino)aniline, Copper(II) rate-enhancing effect 261(1992)205

At. abs. spectrometry; Sample prep.; Microwave digestion; Trace metals; Acid digestion, Double PTFE vessel 264(1992)

Chemiluminescence; Antioxidant capacity 266(1992)265

At. abs. spectrometry; Molybdenum tube atomizer; Silver; Ammonium thiocyanate chemical modifier 267(1992)131

Induct. coupled plasma-MS; Rats; Trace elements 269(1992)

Bioprocess on-line control

Flow injection; Process anal.; Intelligent subsystems 265 (1992)63

Birds

At. emission spectrom.; Gas chromatography; Chloro compounds; Pesticides; Sulphur compounds; Universal calibration 265(1992)87

Bismuth

Flow injection; Spectrophotometry; Borosilicate glass; Silicon 262(1992)243

Bitterness

Flow injection; Spectrophotometry; Extraction; Olive oil; Solid-liquid 261(1992)367

Blank bias error

UV-VIS; H-point method; Standard addition method; Absorbance increment 270(1992)253

β-Blocking agents

Chromatography; Cellulase; Chiral selectors; Chiral stationary phase; Enantioselectivity; Ovomucoid 270(1992)1

Blood

Spectrophotometry; Automated alkaline methods; Cyanide; Haemoglobin; Micelles 262(1992)67

Enzymatic meth.; Potentiometry; Phosphate; Serum; Alkaline phosphatase, o-Carboxyphenyl phosphate, Salicylate-sensitive membrane electrode 265(1992)1

Amperometry; Biosensors; Enzymatic meth.; Glucose; Serum; Needle-type, Platinum electrode 265(1992)5

Kinetic meth.; UV-VIS; Reduced glutathione; Copper, Neocuproin 269(1992)273

Bone

At, abs. spectrometry; Aluminium monofluoride; Fluoride; Molecular absorption spectrometry; Calcium phosphate, Formic acid 262(1992)33

Boron

Activ. analysis; Charged particles; Titanium 262(1992)193

At. abs. spectrometry; Induct. coupled plasma spectrom.; Tissue samples 270(1992)223

Borosilicate glass

Flow injection; Spectrophotometry; Bismuth; Silicon 262 (1992)243

Brines

Fluorimetry; Flow injection; Calcium; 2-[(2-Amino-5-methyl-phenoxy)methyl]-6-methoxy-8-aminoquinoline-N,N,N',N'-tetraacetic acid, Chlor-alkali process 261(1992)275

Fluorimetry; Uranium; Waters; Activated silica gel column separation 264(1992)115

Bromate

Flow injection; Potentiometry; Chlorite; Dichromate; Hydrogen peroxide; Ozone; Iron(III)-iron(II) buffer, Sensitivity enhancement, Redox reaction 261(1992)405

Brønsted activity factors

Fluorimetry; Debye-Hückel theory; Dioxane-water mixtures; pH determination 269(1992)257

Bulk optode membranes

Sensors; Optodes; Plasticized PVC 266(1992)73

Butan-2,3-dione

Chromatography; Fluorimetry; 1,2-Diamino-4,5-dimethoxybenzene; 6,7-Diamino-2-methylquinoxaline; 6,7-Dimethoxy-2,3-dimethylquinoxaline; Methylglyoxal 263(1992)137

Butylamines

Mass spectrometry; Computer modelling; Reaction elucidation; Fragmentation and rearrangement reactions 265(1992) 169

Butyltin compounds

Gas chromatography; Mass spectrometry; Ion-trap detection; Sea water; Waters; Space-charging effect 262(1992)307 Gas chromatography; Mussels; Organotin compounds; Phenyltin compounds; Sea water; Sediments; Waters; Simultaneous determination 264(1992)91

C

Cadmium

Flow injection; Anod. stripping voltammetry; Copper; Lead; Preconcentration; Speciation; Trace metals; Waters; Zinc; Differential-pulse, Filtration 261(1992)323

At. abs. spectrometry; Flow injection; Copper; Lead; Nickel; Preconcentration; Sea water; Waters; Graphite furnace, Online sorbent extraction, Time- and volume-based sampling 261(1992)477

Pol; Voltammetry; Mercury electrodes; Adsorption, Bromide media 262(1992)129

Principal components; Stripping voltam.; Lead; Procrustean analysis; Target factor analysis 263(1992)37

Potentiometry; Constant-current enhanced potentiometric stripping analysis 263(1992)63

Titrimetry; Chromaticity parameters; Colour changes; Trichromatic colorimetry; EDTA, Metallochromic indicators, Specific colour discrimination 264(1992)137

At. abs. spectrometry; Sample prep.; Copper; Preconcentration; Sea water; Solid-phase extraction; Waters; Ammonium tetramethylenedithiocarbamate, Graphite furnace, Silica gel C_{18} 267(1992)31

Polarography; Voltammetry; Copper; Expert system; Indium; Lead; Trace metals; Zinc; KES 268(1992)95

Polarography; Voltammetry; Adsorption; Lead; Stability constants 268(1992)275

Calcium

At. abs. spectrometry; Flow injection; Copper; Closed-loop manifolds 261(1992)75

Fluorimetry; Flow injection; Brine; 2-[(2-Amino-5-methylphenoxy)methyl]-6-methoxy-8-aminoquinoline-N,N,N',N'-tetraacetic acid, Chlor-alkali process 261(1992)275

Calibration

Flow injection; Flow system; UV-VIS; Dilution; Process analysis; Automation, Continuous flow, Open-closed flow system 264(1992)265

Gas chromatography; Sample prep.; Isothiocyanates; Silica gel; Standard gas mixtures; Thermal decomposition 265 (1992)127

Optim. meth.; Dynamic control; Genetic algorithms; Wavelength selection; Ideal genetic algorithm 268(1992)123

Camera luminometer

Chemiluminescence; Enzymatic meth.; Immunoassay; Ferritin; Serum ferritin 266(1992)193

Carbamate pesticides

Amperometry; Biosensors; Organophosphorus pesticides; Pesticides; Chemically modified electrodes, Cobalt phthalocyanine, Disposable strip, Immobilized cholinesterase 269(1992) 281

Carbohydrates

Amperometry; Flow injection; Liquid chrom.; Chemically modified electrodes; Cobalt-based electrodes; Glassy carbon 270(1992)161

Carbon

Flow injection; Spectrophotometry; Dissolved organic carbon; Waters; UV photo-oxidation 261(1992)287

Carbon fibre ultramicroelectrode array

Amperometry; Stripping voltam.; Voltammetry; Dihydroxyphenylalanine; DOPA; Pharmaceuticals; Nafion coating 265 (1992)27

Carbonyl compounds

Fluorimetry; Liquid chrom.; Aldehydes; Ketones; Luminarin 3 269(1992)211

Carboxylic acids

Chemiluminescence; Liquid chrom.; Engine oils; Oxidised 266(1992)257

Carcinoembryonic antigen

Enzymatic meth.; Fluorimetry; Enzyme-linked immunosorbent assay; Horseradish peroxidase, o-Phenylenediamine 264 (1992)359

Cardiac glycosides

Flow injection; UV-VIS; Pharmaceuticals; Picric acid 269 (1992)199

Casomorphin peptides

Liquid chrom.; Peptides; Retention characteristics 268(1992)

Catalytic reactions

Catalytic meth.; Flow injection; Kinetic analysis; Chromium; Cobalt; Copper; Iron; Manganese; Molybdenum; Selenium; Trace elements; Vanadium; Waters 261(1992)167

Catecholamines

Fluorimetry; Mass spectrometry; Dopamine; Epinephrine; Norepinephrine; 1,2-Diphenylethylenediamine 267(1992)137

Catechols

Voltammetry; Reverse differential-pulse 264(1992)177

Cation exchange

At. abs. spectrometry; Flow injection; Ion chromatogr.; Aluminium determination; Waters; Beverages, Flame 269(1992)1

Cavity surface effect

Molecular emission cavity analysis; Sulphur compounds; Alkali metal salts 270(1992)247

CD-ROM

Beilstein current facts; Databases 265(1992)291

Cellulase

Chromatography; β -Blocking agents; Chiral selectors; Chiral stationary phase; Enantioselectivity; Ovomucoid 270(1992)1

Ceramics

Neutron activ. meth.; Radiochem. meth.; Silicon nitride powders; Instrumental, Radiochemical 264(1992)345

Cerium arsenite

Flow injection; UV-VIS; Pharmaceuticals; Promethazine; Solid-phase reactor; Oxidation 264(1992)283

Cetylpyridinium chloride

UV-VIS; Hexadecylpyridinium chloride; Iodide; Micellar media; Triiodide 268(1992)145

Charged particles

Activ. analysis; Boron; Titanium 262(1992)193

Chelating resins

At. emission spectrom.; Induct. coupled plasma spectrom.; Sample prep.; Gold; Iridium; Palladium; Platinum; Preconcentration; Poly(vinylthiopropionamide) resin, Trace enrichment 268(1992)323

Chelatometry

Flow injection; Spectrophotometry; Titrimetry; Zinc; Flexible fused-silica capillary tubing 261(1992)505

Chelex-100

Ion exchange; Polarography; Chlorine; Chlorite; Waters; Interference 265(1992)117

Chemically modified electrodes

Catalytic meth.; Cyclic voltammetry; Ascorbic acid; Pharmaceuticals; Electrocatalytic oxidation, Poly(1-naphthylamine) film, Transition metal ions 262(1992)331

Amperometry; Flow injection; Liquid chrom.; Carbohydrates; Cobalt-based electrodes; Glassy carbon 270(1992)161

Chemical oxygen demand

Flow injection; Spectrophotometry; Microwave oven; Waters 261(1992)295

Flow injection; Spectrophotometry; Waters; Potassium permanganate, Segmented flow 261(1992)301

Chinese flow-injection review

Flow injection; Review 261(1992)557

Chiral recognition

Electrophoresis; N.m.r. spectrometry; Alanine β -naphthylamide; Cyclodextrins; Enantiomeric separation; Inclusion complexes 268(1992)39

Chiral selectors

Chromatography; β-Blocking agents; Cellulase; Chiral stationary phase; Enantioselectivity; Ovomucoid 270(1992)1

Chiral stationary phase

Chromatography; β-Blocking agents; Cellulase; Chiral selectors; Enantioselectivity; Ovomucoid 270(1992)1

Chitin

Amperometry; Biosensors; Enzyme electrode; Glucose; Oxygen electrode, Squid pen β -type crystalline chitin 262(1992)19

Chloride

Flow injection; Potentiometry; Ion sel. electrodes; Copper; Sea water; Thiocyanate; Urine; Waters; Membrane-coated carbon rod 261(1992)399

Flow injection; Spectrophotometry; Nitrogen; Waters; Ammonia-N, Dialysis, Industrial effluents, Gas diffusion 261(1992) 453

Amperometry; Flow injection; Liquid/liquid interface; Nitrate; Cellulose membrane, Water/nitrobenzene interface 268(1992)285

Flow injection; UV-VIS; Silver chloranilate; Waters 270 (1992)217

Chlorine

Flow injection; Spectrophotometry 261(1992)233

Flow injection; Potentiometry; Spectrophotometry; Gas diffusion unit; Halogens; Permeation; Coated-wire ion-selective electrode, Permanganate oxidation, PTFE porous membrane 261(1992)461

Ion exchange; Polarography; Chelex-100; Chlorite; Waters; Interference 265(1992)117

Chemiluminescence; Air; Hydrogen chloride; Hydrogen peroxide 266(1992)353

Chlorine detection

Sensors; Diffusion membrane; Silicon based sensor; On-wafer deposited chemically anchored diffusion membrane 269 (1992)75

Chlorite

Flow injection; Potentiometry; Bromate; Dichromate; Hydrogen peroxide; Ozone; Iron(III)-iron(II) buffer, Sensitivity enhancement, Redox reaction 261(1992)405

Ion exchange; Polarography; Chelex-100; Chlorine; Waters; Interference 265(1992)117

Chloro compounds

At. emission spectrom.; Gas chromatography; Birds; Pesticides; Sulphur compounds; Universal calibration 265(1992)87

Cholinergic ligands

Acetylcholine receptor 267(1992)55

Chromaticity parameters

Titrimetry; Cadmium; Colour changes; Trichromatic colorimetry; EDTA, Metallochromic indicators, Specific colour discrimination 264(1992)137

Chromium

Catalytic meth.; Flow injection; Kinetic analysis; Catalytic reactions; Cobalt; Copper; Iron; Manganese; Molybdenum; Selenium; Trace elements; Vanadium; Waters 261(1992)167

Flow injection; Spectrophotometry; Sandwich techniques; Waters; Leather plant effluent 261(1992)219

Catalytic meth.; Stripping voltam.; Sea water; Waters 262 (1992)103

At. abs. spectrometry; Sample prep.; Copper; Manganese; Preconcentration; Sea water; Chelex-100, Lewatit TP 207 270(1992)79

Closed-loop manifolds

At. abs. spectrometry; Flow injection; Calcium; Copper 261 (1992)75

Cluster analysis

Electron probe meth.; X-ray fluores, spectrometry; Hierarchical cluster techniques; Kappa statistics; Minerals; Ward's method 267(1992)81

Coatings

Piezoelectric sensors; Organophosphorus compounds; Vapour phase 269(1992)289

Cobalt

Catalytic meth.; Flow injection; Kinetic analysis; Catalytic reactions; Chromium; Copper, Iron; Manganese; Molybdenum; Selenium; Trace elements; Vanadium; Waters 261 (1992)167

Flow injection; Spectrophotometry; Biological samples; 2-(5-Bromo-2-pyridylazo)-(5-N-propyl-N-sulphopropylamino)aniline, Copper(II) rate-enhancing effect 261(1992)205

Polarography; Voltammetry; Expert system; Nickel; Thallium; Trace metals; KES 268(1992)107

Liquid chrom.; Nickel; Osmium; Palladium; Platinum; Rhodium; 2-(6-Methyl-2-benzothiazolylazo)-5-diethylamino-phenol 269(1992)223

Cobalt-based electrodes

Amperometry; Flow injection; Liquid chrom.; Carbohydrates; Chemically modified electrodes; Glassy carbon 270(1992)161

Colour changes

Titrimetry; Cadmium; Chromaticity parameters; Trichromatic colorimetry; EDTA, Metallochromic indicators, Specific colour discrimination 264(1992)137

Complexation

Stripping voltam.; Copper; Ligand competition; Sea water; Speciation; Waters; Anodic stripping, Labile metal fraction 264(1992)153

Complexing agents

Flow injection; Spectrophotometry; Copper(II)-iron(II) redox reaction, Neocuproine 261(1992)213

Computer modelling

Mass spectrometry; Butylamines; Reaction elucidation; Fragmentation and rearrangement reactions 265(1992)169

Concanavalin A

Sensors; Phosphatidylcholine; Unilamellar vesicles; Nonselective interactions 264(1992)185

Condition index

Liquid chrom.; UV-VIS; Singular value decomposition; Spectral library searching 266(1992)13

Conformation analysis

Crystallographic data; Data analysis; Databases 265(1992)277

Constant-current enhanced potentiometric stripping analysis

Potentiometry; Cadmium 263(1992)63

Continuous flow

Flow injection; Ammonia; Micro-distillation; Nitrate; Nitrogen; Determination 266(1992)107

Continuous separation

Flow injection; Coupled techniques; Review; Unsegmented flow 261(1992)425

Copper

Flow injection; Iron; Magnetic susceptibility; Evans-type balance 261(1991)29

At. abs. spectrometry; Flow injection; Calcium; Closed-loop manifolds 261(1992)75

Flow injection; Spectrophotometry; Serum; 2-(2-Thiazolyl-azo)-4-methyl-(sulphomethylamino)benzoic acid 261(1992)87

Catalytic meth.; Flow injection; Kinetic analysis; Catalytic reactions; Chromium; Cobalt; Iron; Manganese; Molybdenum; Selenium; Trace elements; Vanadium; Waters 261 (1992)167

Flow injection; Spectrophotometry; Iron; Serum; 2-(5-Bromo-2-pyridylazo)-5-(N-propyl-N-sulphopropylamino)analine 261 (1992)197

Flow injection; Anod. stripping voltammetry; Cadmium; Lead; Preconcentration; Speciation; Trace metals; Waters; Zinc; Differential-pulse, Filtration 261(1992)323

Flow injection; Potentiometry; Ion sel. electrodes; Chloride; Sea water; Thiocyanate; Urine; Waters; Membrane-coated carbon rod 261(1992)399

At. abs. spectrometry; Flow injection; Cadmium; Lead; Nickel; Preconcentration; Sea water; Waters; Graphite furnace, Online sorbent extraction, Time- and volume-based sampling 261(1992)477

UV-VIS; Extraction; Oximes; Sea water; Waters; Cellulose triacetate powder 264(1992)59

At. abs. spectrometry; Cyanide; Gold; Iron; Sodium 264 (1992)107

Stripping voltam.; Complexation; Ligand competition; Sea water; Speciation; Waters; Anodic stripping, Labile metal fraction 264(1992)153

Chemiluminescence; Metal ions; Peroxyoxalate chemiluminescence; Imidazole catalyst 266(1992)233

Flow injection; Chemiluminescence; Sea water 266(1992)345

At. abs. spectrometry; Sample prep.; Cadmium; Preconcentration; Sea water; Solid-phase extraction; Waters; Ammonium tetramethylenedithiocarbamate, Graphite furnace, Silica gel $\rm C_{18}$ 267(1992)31

Gas chromatography; Liquid chrom.; Nickel; Palladium; Schiff bases 268(1992)49

Polarography; Voltammetry; Cadmium; Expert system; Indium; Lead; Trace metals; Zinc; KES 268(1992)95

Titrimetry; Amino acids; Peptides; Caseine proteolysates 268 (1992)163

Flow system; Ion exchange; UV-VIS; Absorptiometry; Waters; 4,7-Diphenyl-2,9-dimethyl-1,10-phenanthroline disulphonate, Karst groundwater storm runoff 268(1992)225

Stripping voltam.; Hair; Adsorption, Beryllon III complex 268(1992)293

At. abs. spectrometry; Sample prep.; Chromium; Manganese; Preconcentration; Sea water; Chelex-100, Lewatit TP 207 270(1992)79

Stripping voltam.; Humic acids; Sodium dodecyl sulphate; Thin mercury film glassy carbon electrode 270(1992)153

Coprecipitation

Sample prep.; X-ray fluores. spectrometry; Preconcentration; Trace metals; Waters; Aluminium hydroxide 268(1992)177

Coproporphyrin-I

Fluorimetry; Immunoassay; Antigen-antibody binding; Immunoglobulin G; Langmuir-Blodgett films; Ferritin 265 (1992)21

Coupled techniques

Flow injection; Continuous separation; Review; Unsegmented flow 261(1992)425

Creatine kinase

Flow injection; Spectrophotometry; LC ; UVVIS ; Isoenzyme activities 263(1992)43

Creatinine

Enzymatic meth.; Flow injection; Creatinase, Creatininase, Sarcosine oxidase 268(1992)331

Crown ethers

Flow injection; Spectrophotometry; Potassium; Waters; Precipitation, Tetraphenylborate 261(1992)225

Ion sel. electrodes; Membrane electrodes; Poly(vinyl chloride); Rubidium; Thiourea-containing cryptands 263(1992)169

Cryptahemispheraplexes

Lithium complexes; Sodium 263(1992)159

Cryptands

At. abs. spectrometry; Erythrosin; Extraction; Liquid-liquid extraction; Thallium 270(1992)87

Crystallographic data

Conformation analysis; Data analysis; Databases 265(1992)277

Data analysis; Automatic assignment 265(1992)283

Crystals, piezoelectric

Piezoelectric sensors; Anaesthetic gas monitoring 264(1992)31

Cupferron

Stripping voltam.; Uranium-cupferron complex; Uranium; Adsorptive accumulation, Selective determination, Trace 264 (1992)205

Cupro-nickel alloy

Flow injection; Spectrophotometry; Benzyltributylammonium cations; Extraction; Liquid-liquid extraction; Manganese 270 (1992)213

Cyanide

Flow injection; Spectrophotometry; Waters; Kinetics, Pyridine-barbituric acid reaction 261(1992)247

Fluorimetry; Flow injection; König reaction; Thiocyanate; pH control 261(1992)281

Spectrophotometry; Automated alkaline methods; Blood; Haemoglobin; Micelles 262(1992)67

Titrimetry; Iodine-azide reaction; Sodium tetrathionate 263 (1992)155

At. abs. spectrometry; Copper; Gold; Iron; Sodium 264(1992) 107

Cyanopropyl-bonded sorbents

Extraction; Papaverine; Solid-phase extraction; Between-batch variation, Between-manufacturer variation, Inter-day variation 262(1992)135

Cyclodextrins

Electrophoresis; N.m.r. spectrometry; Alanine β -naphthylamide; Chiral recognition; Enantiomeric separation; Inclusion complexes 268(1992)39

Liquid chrom.; Aflatoxins; Inclusion compounds; Complex formation constants, Thermodynamic parameters 269(1992) 239

D

Dalapon

Gas chromatography; GC-MS; Sample prep.; Herbicides; Tetrapion; Waters; Propionic acid herbicides, Trifluoroanilide derivatives 267(1992)25

Data analysis

Liquid chrom.; Mass spectrometry; Hydrocarbon characterization 264(1992)79

At. emission spectrom.; Optim. meth.; Alumina powder; Genetic algorithms; Multicriteria target vectors, Simulations 265 (1992)211

Expert systems; Spectrum interpretation; Substructure, Superatom, Superbond 265(1992)243

Electrochemical data; Electrolyte properties; Electrolyte data Regensburg, Knowledge based systems 265(1992)259

Conformation analysis; Crystallographic data; Databases 265 (1992)277

Crystallographic data; Automatic assignment 265(1992)283

Databases

Spectroscopy database; SCANNET 265(1992)201

Conformation analysis; Crystallographic data; Data analysis 265(1992)277

Beilstein current facts; CD-ROM 265(1992)291

Gmelin Factual Database 265(1992)301

Data set analysis

Experimental design; Resolution significance; Weighting procedures; Multicomponent determination 266(1992)133

Debye-Hückel theory

Fluorimetry; Brønsted activity factors; Dioxane-water mixtures; pH determination 269(1992)257

Dehydrogenase activity

Biosensors; Bioluminescence; Enzymatic meth.; Flow injection; Fibre-optic sensor; Lactate dehydrogenase; Luciferase-oxidoreductase 266(1992)331

Demixing

Gas chromatography; Extraction; Volatile compounds; 2-Propanol 264(1992)311

Derivative current

Stripping voltam.; Voltammetry; Adsorption; Reversible interfacial reaction; Linear potential sweep 268(1992)301

Derivative spectroscopy

Spectrophotometry; Erbium; Neodymium; Rare earth elements; Diethylamine, Electron transitions, Ferron 262(1992) 253

UV-VIS; Extraction; Multivariate analysis; Polycyclic aromatic hydrocarbons; Mathematical filters 268(1992)135

UV-VIS; Fenitrothion; Insecticides; Neopynamine; Permethrin; Piperonyl butoxide 268(1992)153

Desirability functions

Liquid chrom.; Optim. meth.; Organic solutes; Sequential simplex optimization; Acetophenone, Methylbenzoate, Phenol, Toluene, Uracil 270(1992)101

Detection limits

At. abs. spectrometry; Flow injection; Signal processing; Zinc; Flame, Repetitive sample introduction 261(1992)115

Dexamethasone

Liquid chrom.; Sample prep.; Betamethasone; Pharmaceuticals; 1-Ethoxy-4-(dichloro-s-triazinyl)naphthalene 268(1992)

Dialysis separation

Flow injection; Optim. meth.; Mathematical modelling; Membrane permeability; Axially dispersed plug flow model, Mass transfer 268(1992)7

Diamine oxidase

Fluorimetry; Flow injection; Enzymatic meth.; Enzyme inhibition; Enzyme reactor; Fish; Histamine; Scombroid poisoning 261(1992)351

1,2-Diamino-4,5-dimethoxybenzene

Chromatography; Fluorimetry; Butan-2,3-dione; 6,7-Diamino-2-methylquinoxaline; 6,7-Dimethoxy-2,3-dimethylquinoxaline; Methylglyoxal 263(1992)137

6,7-Diamino-2-methylquinoxaline

Chromatography; Fluorimetry; Butan-2,3-dione; 1,2-Diamino-4,5-dimethoxybenzene; 6,7-Dimethoxy-2,3-dimethylquinoxaline; Methylglyoxal 263(1992)137

Dichloramine

Amperometry; Polymer-modified electrodes; Polypyrrole 263 (1992)71

Dichromate

Flow injection; Potentiometry; Bromate; Chlorite; Hydrogen peroxide; Ozone; Iron(III)-iron(II) buffer, Sensitivity enhancement, Redox reaction 261(1992)405

Diffusion membrane

Sensors; Chlorine detection; Silicon based sensor; On-wafer deposited chemically anchored diffusion membrane 269 (1992)75

Digestion system

Microwave oven 264(1992)97

Digital filters

Flow injection; Signal processing; Simulation 261(1992)509

At. abs. spectrometry; Amperometry; Flow injection; UV-VIS; Signal processing 261(1992)521

Diglycerides

Amperometry; Biosensors; Enzymatic meth.; Enzyme electrodes; Glycerol; Glycerol-3-phosphate; Serum; Triglycerides; Nylon membrane 263(1992)85

Dihydroxyphenylalanine

Amperometry; Stripping voltam.; Voltammetry; Carbon fibre ultramicroelectrode array; DOPA; Pharmaceuticals; Nafion coating 265(1992)27

Dilution

Flow injection; Flow system; UV-VIS; Calibration; Process analysis; Automation, Continuous flow, Open-closed flow system 264(1992)265

6,7-Dimethoxy-2,3-dimethylquinoxaline

Chromatography; Fluorimetry; Butan-2,3-dione; 1,2-Diamino-4,5-dimethoxybenzene; 6,7-Diamino-2-methylquinoxaline; Methylglyoxal 263(1992)137

Dioxane-water mixtures

Fluorimetry; Brønsted activity factors; Debye-Hückel theory; pH determination 269(1992)257

Dipyridamole

Chemiluminescence; Flow system; Liquid chrom.; Noise reduction; Phthalate esters; Di-2-ethylhexyl phthalate, Peroxyoxalate 266(1992)225

Diqua

Electron spin res.; Herbicides; Pesticides; Soils; Waters; Urine 268(1992)217

Dispersion

Flow injection; Double-plunger micropump, Linear cam mechanism 261(1992)539

Flow injection; Review; Descriptive models, Predictive models 267(1992)1

Dissociation constants

Conductimetry/oscillometry; Potentiometry; Titrimetry; Acids; Standardization; Tetrahydrofuran; Glass electrodes, Tetrabutylammonium salts 264(1992)229

Conductimetry/oscillometry; Potentiometry; Titrimetry; Acid strength; Benzoic acids; Tetrahydrofuran; Tetrabutylammonium salts 265(1992)157

Dissolved organic carbon

Flow injection; Spectrophotometry; Carbon; Waters; UV photo-oxidation 261(1992)287

Distillation

Gas chromatography; Sample prep.; Fatty acids; Landfill leachates; Waters 264(1992)259

Dithizone

UV-VIS; Stabilization; Chloroform-acetic acid 269(1992)269

DNPO

Chemiluminescence; I.r. spectrometry; Hydrogen peroxide; Rubrene; CO₂ yield, Quantum yield 266(1992)219

DOPA

Amperometry; Stripping voltam.; Voltammetry; Carbon fibre ultramicroelectrode array; Dihydroxyphenylalanine; Pharmaceuticals; Nafion coating 265(1992)27

Dopamine

Fluorimetry; Mass spectrometry; Catecholamines; Epinephrine; Norepinephrine; 1,2-Diphenylethylenediamine 267 (1992)137

Doping

Liquid chrom.; UV-VIS; Ethacrynic acid; Extraction; Pharmaceuticals; Urine; Solid-phase 270(1992)39

Dynamic control

Optim. meth.; Calibration; Genetic algorithms; Wavelength selection; Ideal genetic algorithm 268(1992)123

E

EDTA complexes

Ion chromatogr.; Liquid chrom.; Reversed-phase ion-pair; Metal ions 270(1992)55

Electrochemical data

Data analysis; Electrolyte properties; Electrolyte data Regensburg, Knowledge based systems 265(1992)259

Electrochemical oxidation

Amperometry; Chemiluminescence; Electrochemiluminescence; Lipid hydroperoxides; Serum; Glassy carbon electrode, Luminol, Platinum electrode 262(1992)217

Electrochemiluminescence

Amperometry; Chemiluminescence; Electrochemical oxidation; Lipid hydroperoxides; Serum; Glassy carbon electrode, Luminol, Platinum electrode 262(1992)217

Electroluminescence

Chemiluminescence; Glucose; Terbium; Zirconium electrode; Hydrogen peroxide, Oxide layer 266(1992)51

Electroluminescence immunoassay

Chemiluminescence; Immunoassay; Phospholipase A₂; Aluminium electrode, Heterogeneous and homogeneous assays, Terbium complex of 2,6-bis[N,N-bis(carboxymethyl)aminomethyl]-4-benzoylphenol 266(1992)205

Electrolyte properties

Data analysis; Electrochemical data; Electrolyte data Regensburg, Knowledge based systems 265(1992)259

Electron transfer mediators

Voltammetry; Photobioelectrodes; Quinones; Photosynthetic reaction centres 266(1992)97

Electroosmotic pumping

Flow injection 268(1992)1

Elemental analysis

Expert systems; Artificial intelligence 270(1992)107

Expert systems; X-ray fluores. spectrometry; Artificial intelligence 270(1992)115

Emission particulates

Chemiluminescence; Liquid chrom.; Sample prep.; Air; Engine emissions; Nitropyrenes; Diesel and gasoline engines, Reduction to aminopyrenes 266(1992)251

Enantiomeric separation

Electrophoresis; N.m.r. spectrometry; Alanine β -naphthylamide; Chiral recognition; Cyclodextrins; Inclusion complexes 268(1992)39

Enantioselectivity

Chromatography; β-Blocking agents; Cellulase; Chiral selectors; Chiral stationary phase; Ovomucoid 270(1992)1

Engine emissions

Chemiluminescence; Liquid chrom.; Sample prep.; Air; Emission particulates; Nitropyrenes; Diesel and gasoline engines, Reduction to aminopyrenes 266(1992)251

Engine oils

Chemiluminescence; Liquid chrom.; Carboxylic acids; Oxidised 266(1992)257

Enthalpimetry

Thermometric meth.; Petroleum; Sulphur compounds; Thiols; Kerosene medium, Phenylmercury(II) acetate 268(1992)171

Environmental samples

Gas chromatography; GC-MS; Liquid chrom.; Mass spectrometry; Supercrit. fluid chromatogr.; Pesticides; Review 263 (1992)1

Enzymatic hydrolysis

Chemiluminescence; Enzymatic meth.; Flow injection; UV-VIS; Nitrophenyl glucuronide; Urine; Glucuronidase, Immobilized biocatalysts 264(1992)275

Enzyme-linked immunosorbent assay

Amperometry; Flow injection; Immunoassay; Enzymatic meth.; Immunoglobulin E; Mathematical model, Platinum wire electrode 261(1992)45

Enzymatic meth.; Fluorimetry; Carcinoembryonic antigen; Horseradish peroxidase, o-Phenylenediamine 264(1992)359

Enzyme amplified immunoassay

Immunoassay; Microtitre plate; Nitroethane; Suicide substrate; Thyroid stimulating hormone; Hyperthyroidism, FADP 269(1992)301

Enzyme electrodes

Amperometry; Biosensors; Enzymatic meth.; Ink-jet printing; Printed enzyme electrodes; Tetrathiafulvalene mediator 262 (1992)13

Amperometry; Biosensors; Chitin; Glucose; Oxygen electrode, Squid pen β -type crystalline chitin 262(1992)19

Amperometry; Biosensors; Enzymatic meth.; Diglycerides; Glycerol; Glycerol-3-phosphate; Serum; Triglycerides; Nylon membrane 263(1992)85

Amperometry, Biosensors; Enzymatic meth.; Flow injection; Fish; Polyamines; Putrescine; Hydrogen peroxide 263(1992)93

Enzymatic meth.; Flow injection; Potentiometry; Fermentation; Penicillin; Penicillinase electrode 264(1992)13

Amperometry; Enzymatic meth.; Pyruvate; Carbon paste electrode, Entrapped pyruvate oxidase, Methylene green mediator 265(1992)15

Amperometry; Biosensors; Sensors; Poly(vinyl chloride); Hydrogen peroxide, Permselective barrier membrane 269(1992)65

Biosensors; Enzymatic meth.; Lysine; Wheat; Oxygen sensor 270(1992)131

Enzyme inhibition

Fluorimetry; Flow injection; Enzymatic meth.; Diamine oxidase; Enzyme reactor; Fish; Histamine; Scombroid poisoning 261(1992)351

Enzyme reactor

Flow injection; Enzymatic meth.; Fermentation media; Glucose; Lactate; Nylon tube 261(1992)145

Amperometry; Enzymatic meth.; Flow injection; Hypoxanthine; Meat freshness; Polyamines; Peroxidase electrode, Putrescine oxidase, Xanthine oxidase 261(1992)161

Fluorimetry; Flow injection; Enzymatic meth.; Diamine oxidase; Enzyme inhibition; Fish; Histamine; Scombroid poisoning 261(1992)351

Chemiluminescence; Flow system; Ethanol; Hydrogen peroxide; Immobilized horseradish peroxidase flow cell, Luminol-iodophenol reaction 266(1992)309

Epinephrine

Fluorimetry; Mass spectrometry; Catecholamines; Dopamine; Norepinephrine; 1,2-Diphenylethylenediamine 267(1992)137

Equilibrium dialysis

Gel perm. chromatogr.; Fulvic acids; Humic acids; Waters; Soils; Fractionation, Solubility 267(1992)47

Ion exchange; Humic acids; Ligand exchange; Radionuclides; Stability constants 268(1992)235

Erbium

Spectrophotometry; Derivative spectroscopy; Neodymium; Rare earth elements; Diethylamine, Electron transitions, Ferron 262(1992)253

Erythrosin

At. abs. spectrometry; Cryptands; Extraction; Liquid-liquid extraction; Thallium 270(1992)87

Estuarine samples

Gas chromatography; Atrazine; Simazine 268(1992)195

Ethacrynic acid

Liquid chrom.; UV-VIS; Doping; Extraction; Pharmaceuticals; Urine; Solid-phase 270(1992)39

Ethanol

Chemiluminescence; Flow system; Enzyme reactor; Hydrogen peroxide; Immobilized horseradish peroxidase flow cell, Luminol-iodophenol reaction 266(1992)309

Chemiluminescence; Enzymatic meth.; Flow injection; Fibreoptic sensor; Wines; Hydrogen peroxide, Luminol 266(1992) 325

Europium

Flow injection; Fluorimetry; Neodymium oxide; Rare earth elements; Samarium; Resin column 266(1992)67

Evolving factor analysis

Liquid chrom.; Peak purity control; Artefacts, Diode-array detection 263(1992)21

Liquid chrom.; Heteroscedastic noise; Peak purity control; Diode-array detection, Fixed-size window 263(1992)29

Liquid chrom.; Heuristic evolving latent projections; Peak purity control 267(1992)63

Expert systems

Smallest set of smallest rings; Structure perception; Connectivity, Pseudo tree 262(1992)179

Gas chromatography; Mass spectrometry; Air pollutants; Pattern recognition; Toxic compounds, Organic compounds 265 (1992)43

Data analysis; Spectrum interpretation; Substructure, Superatom, Superbond 265(1992)243

Polarography; Voltammetry; Cadmium; Copper; Indium; Lead; Trace metals; Zinc; KES 268(1992)95

Polarography; Voltammetry; Cobalt; Nickel; Thallium; Trace metals; KES 268(1992)107

Extraction

Flow injection; Spectrophotometry; Bitterness; Olive oil; Solid-liquid 261(1992)367

Flow injection; Spectrophotometry; Liquid membranes; Preconcentration; Flow-through supported liquid membrane unit 261(1992)441

Fluorimetry; Flow injection; Spectrophotometry; Surfactants; Waters; Anionic, Dyes, On-tube detection 261(1992)471

Cyanopropyl-bonded sorbents; Papaverine; Solid-phase extraction; Between-batch variation, Between-manufacturer variation, Inter-day variation 262(1992)135

UV-VIS; Copper; Oximes; Sea water; Waters; Cellulose triacetate powder 264(1992)59

Alkaline earth metals; Surfactants; Poly(oxyethylene), Triton X-100 264(1992)65

Transition metal ions; Isoamylxanthates, Ternary solvent 264 (1992)71

Polarography; Sample prep.; Apples; Foods; Organochlorine pesticides; Pesticides; Differential-pulse, Emulsified medium 264(1992)141

Stripping voltam.; Alkyllead compounds; Sea water; Waters; Differential-pulse anodic stripping, Hexane extraction, Nitric acid re-extraction 264(1992)249

Gas chromatography; Demixing; Volatile compounds; 2-Propanol 264(1992)311

UV-VIS; Derivative spectroscopy; Multivariate analysis; Polycyclic aromatic hydrocarbons; Mathematical filters 268(1992) 135

Isotope dilut. meth.; Liquid chrom.; Geological materials; Isotope ratios; Strontium; Crown ether-loaded resin 269 (1992)249

Liquid chrom.; UV-VIS; Doping; Ethacrynic acid; Pharmaceuticals; Urine; Solid-phase 270(1992)39

At. abs. spectrometry; Cryptands; Erythrosin; Liquid-liquid extraction; Thallium 270(1992)87

Lanthanoids; Adduct formation constants, Ethylenediamine, Thenoyltrifluoroacetone 270(1992)95

Flow injection; Spectrophotometry; Benzyltributylammonium cations; Cupro-nickel alloy; Liquid-liquid extraction; Manganese 270(1992)213

F

Factorial design

Flow injection; Signal fluctuations 261(1992)533

Gas chromatography; Optim. meth.; Polycyclic aromatic hydrocarbons; Simplex optimization 268(1992)67

Fatty acids

Gas chromatography; Sample prep.; Distillation; Landfill leachates; Waters 264(1992)259

Fenitrothion

Gas chromatography; Mass spectrometry; Pesticides; Photolysis; Mercury lamp, Water-methanol 262(1992)167

UV-VIS; Derivative spectroscopy; Insecticides; Neopynamine; Permethrin; Piperonyl butoxide 268(1992)153

Fermentation

Enzymatic meth.; Flow injection; Potentiometry; Enzyme electrodes; Penicillin; Penicillinase electrode 264(1992)13

Gel perm. chromatogr.; Liquid chrom.; UV-VIS; Sulphite liquor; Waters; Wood; Diode array 270(1992)63

Fermentation media

Flow injection; Enzymatic meth.; Enzyme reactor; Glucose; Lactate; Nylon tube 261(1992)145

Ferritin

Chemiluminescence; Enzymatic meth.; Immunoassay; Camera luminometer; Serum ferritin 266(1992)193

Ferrocene

Spectrophotometry; Iron; Proteins; Ferrozine complex, Trichloroacetic acid 262(1992)87

Ferrocene tagging reagents

Liquid chrom.; Amines; Amino acids; Peptides; Electrochemical detection 262(1992)145

Fiber-optic detector

Multiphoton ionization detection; Optical filter; Polycyclic aromatic hydrocarbons 264(1992)1

Fibre-optic immunoprobes

Biosensors; Fluoropolymers; Immunoprobes 262(1992)323

Fibre-optic probe

Fluorimetry 263(1992)131

Fibre-optic sensor

Flow injection; Spectrophotometry; Ores; Palladium; Chromogenic reagents 262(1992)97

Chemiluminescence; Enzymatic meth.; Flow injection; Ethanol; Wines; Hydrogen peroxide, Luminol 266(1992)325

Biosensors; Bioluminescence; Enzymatic meth.; Flow injection; Dehydrogenase activity; Lactate dehydrogenase; Luciferase-oxidoreductase 266(1992)331

Fibre column

At. abs. spectrometry; Flow injection; Gold; Metallurgical samples; Ores; 8531 fibre 270(1992)205

Filter

At. emission spectrom.; Air; Particulate matter; Plasmas; Inductively coupled, Leaching 262(1992)299

Fish

Fluorimetry; Flow injection; Enzymatic meth.; Diamine oxidase; Enzyme inhibition; Enzyme reactor; Histamine; Scombroid poisoning 261(1992)351

Amperometry; Biosensors; Enzymatic meth.; Flow injection; Enzyme electrodes; Polyamines; Putrescine; Hydrogen peroxide 263(1992)93

Fish farming

Flow injection; Spectrophotometry; Ammonium; Sea water; Waters 261(1992)345

Flow system

Chemiluminescence; Flow system; Chemiluminescence; Coimmobilized, Creatinase, Creatininase, Sarcosine oxidase 262 (1992)315

Fluorescence detection

Kinetic analysis; Liquid chrom.; Naphthalene-2,3-dicarboxaldehyde/cyanide; Peptides 262(1992)209

Fluorescence quenching

Fluorimetry; Uranium; Fluorescence intensity at time zero 264(1992)125

Fluoride

At. abs. spectrometry; Aluminium monofluoride; Bone; Molecular absorption spectrometry; Calcium phosphate, Formic acid 262(1992)33

Fluoropolymers

Biosensors; Fibre-optic immunoprobes; Immunoprobes 262 (1992)323

Foods

Amperometry; Enzymatic meth.; Flow injection; Glutamate; L-Glutamate oxidase, Hydrogen peroxide 261(1992)155

Fluorimetry; Ascorbic acid; Landolt reaction; Serum; Urine; C₈BNC₆N amphiphile, Iodine quenching, Vesicular system 262(1992)79

Polarography; Sample prep.; Apples; Extraction; Organochlorine pesticides; Pesticides; Differential-pulse, Emulsified medium 264(1992)141

Catalytic meth.; Flow injection; Fluorimetry; Kinetic meth.; Meat; Nitrate; Nitrite; Waters; Bromate, Phenosafranine oxidation, Stopped-flow 265(1992)103

Fluorimetry; Liquid chrom.; Aspartame; Glutamate; Fluorescamine, Fluorigenic labelling 270(1992)45

Fruit juices

Flow injection; Voltammetry; Ascorbic acid; Soft drinks; Square-wave 261(1992)375

Stripping voltam.; Tin; Adsorptive cathodic stripping, Glassy carbon mercury film electrode 270(1992)143

Fulvic acids

Ion exchange; Humic acids; Metal ion binding; Ultrafiltration; Waters; Zinc; Heterogeneity 267(1992)39

Gel perm. chromatogr.; Equilibrium dialysis; Humic acids; Waters; Soils; Fractionation, Solubility 267(1992)47

Furazolidone

Potentiometry; Stripping analysis 262(1992)123

Fuzzy clustering

Principal components; Microwave digestion; PROMETHEE, SIMCA 268(1992)81

Fuzzy linear programming

Spectrophotometry; Multicomponent spectra; Spectrophotometry; Deconvolution 265(1992)55

G

β-D-Galactosidase

Chemiluminescence; Enzymatic meth.; Immunoassay; 17α -Hydroxyprogesterone; Thyroxine 266(1992)213

Gas diffusion unit

Flow injection; Potentiometry; Spectrophotometry; Chlorine; Halogens; Permeation; Coated-wire ion-selective electrode, Permanganate oxidation, PTFE porous membrane 261(1992) 461

Gases

Piezoelectric sensors; Organophosphorus compounds; Vapours 264(1992)43

Gasoline

Potentiometry; Stripping voltam.; Lead; Organolead compounds; Tetraethyllead; Tetramethyllead 267(1992)165

Genetic algorithms

At. emission spectrom.; Optim. meth.; Alumina powder; Data analysis; Multicriteria target vectors, Simulations 265(1992)211

Optim. meth.; Atom-to-atom mapping 265(1992)227

Optim. meth.; Calibration; Dynamic control; Wavelength selection; Ideal genetic algorithm 268(1992)123

Geological materials

Sample prep.; UV-VIS; Acid decomposition; Minerals; Rocks; Silica; Room temperature 268(1992)357

Isotope dilut. meth.; Liquid chrom.; Extraction; Isotope ratios: Strontium; Crown ether-loaded resin 269(1992)249

Induct. coupled plasma-MS; Laser ablation; Microprobe analysis 269(1992)263

Glow discharge

Mass spectrometry; Microporous membrane introduction; Volatile organic compounds; Aqueous solution 266(1992)1

Glucose

Flow injection; Enzymatic meth.; Enzyme reactor; Fermentation media; Lactate; Nylon tube 261(1992)145

Amperometry; Biosensors; Chitin; Enzyme electrode; Oxygen electrode, Squid pen β -type crystalline chitin 262(1992)19

Amperometry; Biosensors; Enzymatic meth.; Microelectrodes; Mediators; Cylindrical microelectrode, Immobilized glucose oxidase 263(1992)101

Amperometry; Biosensors; Enzymatic meth.; Blood; Serum; Needle-type, Platinum electrode 265(1992)5

Chemiluminescence; Electroluminescence; Terbium; Zirconium electrode; Hydrogen peroxide, Oxide layer 266(1992)51 Chemiluminescence; Enzymatic meth.; Flow injection; Serum; Immobilized pyranose oxidase reactor 269(1992)187

Glutamate

Amperometry; Enzymatic meth.; Flow injection; Foods; L-Glutamate oxidase, Hydrogen peroxide 261(1992)155

Fluorimetry; Liquid chrom.; Aspartame; Foods; Fluorescamine, Fluorigenic labelling 270(1992)45

Glycerol

Amperometry; Biosensors; Enzymatic meth.; Diglycerides; Enzyme electrodes; Glycerol-3-phosphate; Serum; Triglycerides; Nylon membrane 263(1992)85

Glycerol-3-phosphate

Amperometry; Biosensors; Enzymatic meth.; Diglycerides; Enzyme electrodes; Glycerol; Serum; Triglycerides; Nylon membrane 263(1992)85

Gmelin Factual Database

Databases 265(1992)301

Gold

Chemiluminescence; Ores; Foamed plastic, Solid surface 262 (1992)225

Kinetic meth.; Piezoelectric sensors; Minerals; Electrodeposition, Gold-plated quartz crystal 263(1992)143

At. abs. spectrometry; Copper; Cyanide; Iron; Sodium 264 (1992)107

At. abs. spectrometry; Preconcentration; Supported liquid membranes 265(1992)71

At. emission spectrom.; Induct. coupled plasma spectrom.; Sample prep.; Chelating resins; Iridium; Palladium; Platinum; Preconcentration; Poly(vinylthiopropionamide) resin, Trace enrichment 268(1992)323

At. abs. spectrometry; Flow injection; Fibre column; Metallurgical samples; Ores; 8531 fibre 270(1992)205

Gold films

At. abs. spectrometry; Reflectance spectrometry; Thin metal films 262(1992)269

Gradient scanning

Flow injection; UV-VIS; pH; Tristimulus colorimetry; Bovine serum albumin 268(1992)29

Graphite electrodes

Amperometry; Cyclic voltammetry; Surfactants; NADH, Phenoxazine 269(1992)59

Graphite furnace

At. abs. spectrometry; Thallium; Meteorites, Rocks 266(1992) 127

H

H-point method

UV-VIS; Blank bias error; Standard addition method; Absorbance increment 270(1992)253

H-point standard addition method

Liquid chrom.; Paraxanthine; Theophylline; Xanthines 268 (1992)73

Haemoglobin

Spectrophotometry; Automated alkaline methods; Blood; Cyanide; Micelles 262(1992)67

Hair

Stripping voltam.; Lead; Mercury microelectrodes; Anodic stripping 264(1992)213

Stripping voltam.; Copper; Adsorption, Beryllon III complex 268(1992)293

Halogens

Flow injection; Potentiometry; Spectrophotometry; Chlorine; Gas diffusion unit; Permeation; Coated-wire ion-selective electrode, Permanganate oxidation, PTFE porous membrane 261(1992)461

Hepatitis B antigen

Chemiluminescence; Immunoassay; Acridinium salts; Luminometer; Detection, Immunochemiluminometric assay 266 (1992)201

Herbicides

Gas chromatography; GC-MS; Sample prep.; Dalapon; Tetrapion; Waters; Propionic acid herbicides, Trifluoroanilide derivatives 267(1992)25

Electron spin res.; Diquat; Pesticides; Soils; Waters; Urine 268(1992)217

Heteroscedastic noise

Liquid chrom.; Evolving factor analysis; Peak purity control; Diode-array detection, Fixed-size window 263(1992)29

Heuristic evolving latent projections

Liquid chrom.; Evolving factor analysis; Peak purity control 267(1992)63

Hexadecylpyridinium chloride

UV-VIS; Cetylpyridinium chloride; Iodide; Micellar media; Triiodide 268(1992)145

Hierarchical cluster techniques

Electron probe meth.; X-ray fluores. spectrometry; Cluster analysis; Kappa statistics; Minerals; Ward's method 267 (1992)81

Histamine

Fluorimetry; Flow injection; Enzymatic meth.; Diamine oxidase; Enzyme inhibition; Enzyme reactor; Fish; Scombroid poisoning 261(1992)351

Host-guest complexes

3D models 265(1992)233

Humic acids

Ion exchange; Fulvic acids; Metal ion binding; Ultrafiltration; Waters; Zinc; Heterogeneity 267(1992)39

Gel perm. chromatogr.; Equilibrium dialysis; Fulvic acids; Waters; Soils; Fractionation, Solubility 267(1992)47

Ion exchange; Equilibrium dialysis; Ligand exchange; Radionuclides; Stability constants 268(1992)235

Stripping voltam.; Copper; Sodium dodecyl sulphate; Thin mercury film glassy carbon electrode 270(1992)153

Hydrocarbon characterization

Liquid chrom.; Mass spectrometry; Data analysis 264(1992)79

Hydrogen chloride

Chemiluminescence; Air; Chlorine; Hydrogen peroxide 266 (1992)353

Hydrogen ions

Coulometry; Potentiometry; Titrimetry; Organic bases; Anodic oxidation, Depolarizers 265(1992)35

Hydrogen peroxide

Flow injection; Potentiometry; Bromate; Chlorite; Dichromate; Ozone; Iron(III)-iron(II) buffer, Sensitivity enhancement, Redox reaction 261(1992)405

Chemiluminescence; Cyclic voltammetry; Luminol; Carbon electrode 262(1992)49

Biosensors; Enzymatic meth.; Phenols; Tissue bioelectrode 264(1992)7

Chemiluminescence; I.r. spectrometry; DNPO; Rubrene; CO₂ yield, Quantum yield 266(1992)219

Chemiluminescence; Flow system; Enzyme reactor; Ethanol; Immobilized horseradish peroxidase flow cell, Luminol-iodophenol reaction 266(1992)309

7-Hydroxycoumarin-4-acethydrazide

Fluorimetry; N.m.r. spectrometry; Aldehydes; Ketones 265 (1992)111

17α-Hydroxyprogesterone

Chemiluminescence; Enzymatic meth.; Immunoassay; β -D-Galactosidase; Thyroxine 266(1992)213

5-Hydroxytryptamine

Biosensors; Flow system; Neuronal sensing; Serotonin 262 (1992)1

Hypoxanthine

Amperometry; Enzymatic meth.; Flow injection; Enzyme reactor; Meat freshness; Polyamines; Peroxidase electrode, Putrescine oxidase, Xanthine oxidase 261(1992)161

I

Imipramine

Chemiluminescence; Electron spin res.; Flow injection; UV irradiation; Free radicals 261(1992)39

Fluorimetry; Kinetic meth.; UV-VIS; Serum; Stopped-flow mixing 269(1992)137

Immobilized enzyme reactors

Flow injection; Spectrophotometry; Sugars; Fructose, Glucose, Sucrose 261(1992)137

Immobilized reagents

Chemiluminescence; Flow injection; Luminol; Flowing streams, Hydrogen peroxide determination 266(1992)279

Immunoglobulin E

Amperometry; Flow injection; Immunoassay; Enzymatic meth.; Enzyme-linked immunosorbent assay; Mathematical model, Platinum wire electrode 261(1992)45

Immunoglobulin G

Fluorimetry; Immunoassay; Antigen-antibody binding; Coproporphyrin-I; Langmuir-Blodgett films; Ferritin 265(1992) 21

Immunoprobes

Biosensors; Fibre-optic immunoprobes; Fluoropolymers 262 (1992)323

Inclusion compounds

Liquid chrom.; Aflatoxins; Cyclodextrin; Complex formation constants, Thermodynamic parameters 269(1992)239

Indirect detection

Chemiluminescence; Liquid chrom.; Electrogenerated, Hydrogen peroxide, Luminol 266(1992)295

Indium

Anod. stripping voltammetry; Lead; Surfactant suppressants 262(1992)117

Polarography; Voltammetry; Cadmium; Copper; Expert system; Lead; Trace metals; Zinc; KES 268(1992)95

Induced reactant adsorption

Polarography; Metal-polyelectrolyte systems; Cadmium-polymethacrylate, Normal pulse 268(1992)261

Information content

Abstracts; Literature analysis; Research papers; Quality of analytical information 265(1992)133

Information systems

265(1992)305

Ink-jet printing

Amperometry; Biosensors; Enzymatic meth.; Enzyme electrodes; Printed enzyme electrodes; Tetrathiafulvalene mediator 262(1992)13

Inorganic cations

Ion chromatogr.; Beverages; Micellar bile salt coated column; Waters; Wine 267(1992)141

Insecticides

UV-VIS; Derivative spectroscopy; Fenitrothion; Neopynamine; Permethrin; Piperonyl butoxide 268(1992)153

Integrated circuits

Experimental design; Optim. meth.; Process anal.; Aluminium-silica-copper films; Analysis of variance; Metallization; Regression analysis; Interfacial properties 267(1992)111

Interferences

At. abs. spectrometry; Hydride generation; Hydride-forming element cross-interferences, Oxygen, Quartz-tube atomizer 263(1992)111

Iodide

UV-VIS; Cetylpyridinium chloride; Hexadecylpyridinium chloride; Micellar media; Triiodide 268(1992)145

Indine

Acoustic meth.; Fluorimetry; Lasers; Nitrogen oxides; Nuclear fuel reprocessing off-gas 270(1992)181

Iodine-azide reaction

Titrimetry; Cyanide; Sodium tetrathionate 263(1992)155

Ion-sensitive field-effect transistors

Flow injection; Ion sel. electrodes; Potentiometry; pH; Nitrate 261(1992)419

Ion-trap detection

Gas chromatography; Mass spectrometry; Butyltin compounds; Sea water; Waters; Space-charging effect 262(1992) 307

Iridium

At. emission spectrom.; Induct. coupled plasma spectrom.; Sample prep.; Chelating resins; Gold; Palladium; Platinum; Preconcentration; Poly(vinylthiopropionamide) resin, Trace enrichment 268(1992)323

Iridium oxide electrodes

263(1992)53

Iron

Flow injection; Copper; Magnetic susceptibility; Evans-type balance 261(1991)29

Flow injection; Spectrophotometry; Aluminium; Multi-site detection; Plant materials; Detector relocation 261(1992)59

Catalytic meth.; Flow injection; Kinetic analysis; Catalytic reactions; Chromium; Cobalt; Copper; Manganese; Molybdenum; Selenium; Trace elements; Vanadium; Waters 261 (1992)167

Flow injection; Spectrophotometry; Copper; Serum; 2-(5-Bromo-2-pyridylazo)-5-(*N*-propyl-*N*-sulphopropylamino)analine 261(1992)197

Spectrophotometry; Ferrocene; Proteins; Ferrozine complex, Trichloroacetic acid 262(1992)87

At. abs. spectrometry; Copper; Cyanide; Gold; Sodium 264 (1992)107

Fluorimetry; 5-(4-Methylphenylazo)-8-aminoquinoline, Surfactants 264(1992)121

UV-VIS; Bathophenanthroline; Poly(vinyl chloride) membrane 268(1992)351

Isoenzyme activities

Flow injection; Spectrophotometry; LC; UVVIS; Creatine kinase 263(1992)43

Isoniazid

At. abs. spectrometry; Flow injection; Pharmaceuticals; Manganese dioxide oxidation, Polyester resin beads, Reagent entrapment 265(1992)81

Isothiocyanates

Gas chromatography; Sample prep.; Calibration; Silica gel; Standard gas mixtures; Thermal decomposition 265(1992)127

Isotope ratios

Isotope dilut. meth.; Liquid chrom.; Extraction; Geological materials; Strontium; Crown ether-loaded resin 269(1992)249

K

Kalman filter

Signal proc. meth.; UV-VIS; Robust statistics; Outliers 269 (1992)307

Kappa statistics

Electron probe meth.; X-ray fluores. spectrometry; Cluster analysis; Hierarchical cluster techniques; Minerals; Ward's method 267(1992)81

Ketones

Fluorimetry; N.m.r. spectrometry; Aldehydes; 7-Hydroxy-coumarin-4-acethydrazide 265(1992)111

Fluorimetry; Liquid chrom.; Aldehydes; Carbonyl compounds; Luminarin 3 269(1992)211

König reaction

Fluorimetry; Flow injection; Cyanide; Thiocyanate; pH control 261(1992)281

L

Lactate

Flow injection; Enzymatic meth.; Enzyme reactor; Fermentation media; Glucose; Nylon tube 261(1992)145

Lactate dehydrogenase

Biosensors; Bioluminescence; Enzymatic meth.; Flow injection; Dehydrogenase activity; Fibre-optic sensor; Luciferase-oxidoreductase 266(1992)331

Landfill leachates

Gas chromatography; Sample prep.; Distillation; Fatty acids; Waters 264(1992)259

Landolt reaction

Fluorimetry; Ascorbic acid; Foods; Serum; Urine; C₈BNC₆N amphiphile, Iodine quenching, Vesicular system 262(1992)79

Langmuir-Blodgett films

Fluorimetry; Immunoassay; Antigen-antibody binding; Coproporphyrin-I; Immunoglobulin G; Ferritin 265(1992)21

Lanthanides

At. emission spectrom.; Induct. coupled plasma spectrom.; Sample prep.; Ores; Rare earth elements; Yttrium; Interferences, Monazite 264(1992)333

Lanthanoids

Extraction; Adduct formation constants, Ethylenediamine, Thenoyltrifluoroacetone 270(1992)95

Lanthanum

At. emission spectrom.; Liquid chrom.; Neodymium; Plasmas; Rare earth elements; Terbium; 2-Ethylhexyl hydrogen-2-ethylhexyl phosphonate, Hydroxypolyacrylate resin, PC-88A 262 (1992)161

Laser-induced phosphoresence

Phosphorimetry; Pharmaceuticals; Room-temperature phosphorescence; Sport 270(1992)239

Laser ablation

Induct. coupled plasma-MS; Geological materials; Microprobe analysis 269(1992)263

Laser excitation

At. fluor, spectrometry; Lead; Waters; Direct determination, Great Lakes 269(1992)129

Lasers

Acoustic meth.; Fluorimetry; Iodine; Nitrogen oxides; Nuclear fuel reprocessing off-gas 270(1992)181

Lead

Flow injection; Anod. stripping voltammetry; Cadmium; Copper; Preconcentration; Speciation; Trace metals; Waters; Zinc; Differential-pulse, Filtration 261(1992)323

Flow injection; Ion sel. electrodes; Potentiometry; Phosphate; Waters; Interferences 261(1992)411

At. abs. spectrometry; Flow injection; Cadmium; Copper; Nickel; Preconcentration; Sea water; Waters; Graphite furnace, On-line sorbent extraction, Time- and volume-based sampling 261(1992)477

Anod. stripping voltammetry; Indium; Surfactant suppressants 262(1992)117

At. emission spectrom.; Gas chromatography; Microwave-induced plasma; Plasmas; Speciation; Waters; Grignard derivatization, Organolead 262(1992)285

Principal components; Stripping voltam.; Cadmium; Procrustean analysis; Target factor analysis 263(1992)37

Titrimetry; Metal ions; Precipitation; Glass electrode, Hydrolytic reaction, pH 263(1992)147

Stripping voltam.; Hair; Mercury microelectrodes; Anodic stripping 264(1992)213

Ion exchange; Voltammetry; Preconcentration; Solid-state cell; Waters; High-resistive media, Nafion membrane, Polymer-coated electrode 264(1992)221

Catalytic meth.; Kinetic meth.; UV-VIS; Micellar medium; Dodecyltrimethylammonium micelles, Pyrogallol Red 266 (1992)43

Potentiometry; Stripping voltam.; Gasoline; Organolead compounds; Tetraethyllead; Tetramethyllead 267(1992)165

Polarography; Voltammetry; Cadmium; Copper; Expert system; Indium; Trace metals; Zinc; KES 268(1992)95

Polarography; Voltammetry; Adsorption; Cadmium; Stability constants 268(1992)275

At. fluor. spectrometry; Laser excitation; Waters; Direct determination, Great Lakes 269(1992)129

Ligand competition

Stripping voltam.; Complexation; Copper; Sea water; Speciation; Waters; Anodic stripping, Labile metal fraction 264 (1992)153

Ligand exchange

Ion exchange; Equilibrium dialysis; Humic acids; Radionuclides; Stability constants 268(1992)235

Lipid hydroperoxides

Chemiluminescence; Cyclic voltammetry; Luminol; Methyl linoleate hydroperoxide 262(1992)59

Amperometry; Chemiluminescence; Electrochemical oxidation; Electrochemiluminescence; Serum; Glassy carbon electrode, Luminol, Platinum electrode 262(1992)217

Liquid-liquid extraction

At. abs. spectrometry; Cryptands; Erythrosin; Extraction; Thallium 270(1992)87

Flow injection; Spectrophotometry; Benzyltributylammonium cations; Cupro-nickel alloy; Extraction; Manganese 270(1992) 213

Liquid / liquid interface

Amperometry; Flow injection; Chloride; Nitrate; Cellulose membrane, Water/nitrobenzene interface 268(1992)285

Liquid membranes

Flow injection; Spectrophotometry; Extraction; Preconcentration; Flow-through supported liquid membrane unit 261 (1992)441

Literature analysis

Abstracts; Information content; Research papers; Quality of analytical information 265(1992)133

Lithium complexes

Cryptahemispheraplexes; Sodium 263(1992)159

Luminarin 1

Chemiluminescence; Fluorimetry; Liquid chrom.; Amines; Precolumn derivatization 266(1992)243

Luminol

Chemiluminescence; Cyclic voltammetry; Hydrogen peroxide; Carbon electrode 262(1992)49

Chemiluminescence; Cyclic voltammetry; Lipid hydroperoxides; Methyl linoleate hydroperoxide 262(1992)59

Chemiluminescence; Flow injection; Immobilized reagents; Flowing streams, Hydrogen peroxide determination 266 (1992)279

Chemiluminescence; Liquid chrom.; Plasma; Phosphoglyceride hydroperoxides; Rat plasma 266(1992)287

Luminometer

Chemiluminescence; Immunoassay; Acridinium salts; Hepatitis B antigen; Detection, Immunochemiluminometric assay 266(1992)201

Lysine

Biosensors; Enzymatic meth.; Enzyme electrodes; Wheat; Oxygen sensor 270(1992)131

M

Magnesium

Amperometry; Flow injection; Serum; Waters; Eriochrome Black T complex 269(1992)41

Magnetic susceptibility

Flow injection; Copper; Iron; Evans-type balance 261(1991)29

Manganese

Catalytic meth.; Flow injection; Kinetic analysis; Catalytic reactions; Chromium; Cobalt; Copper; Iron; Molybdenum; Selenium; Trace elements; Vanadium; Waters 261(1992)167

Catalytic meth.; Flow injection; Spectrophotometry; Waters; Catalysis of oxidative coupling, N,N-Dimethyl-p-phenylene-diamine, Hydrogen peroxide, m-Phenylenediamine 261(1992) 183

At. abs. spectrometry; Sample prep.; Chromium; Copper; Preconcentration; Sea water; Chelex-100, Lewatit TP 207 270(1992)79

Flow injection; Spectrophotometry; Benzyltributylammonium cations; Cupro-nickel alloy; Extraction; Liquid-liquid extraction 270(1992)213

Mathematical enhancement

Voltammetry; Sensors; Performance 264(1992)197

Mathematical modelling

Flow injection; Optim. meth.; Dialysis separation; Membrane permeability; Axially dispersed plug flow model, Mass transfer 268(1992)7

Mathematical simulation

Liquid chrom.; Optim. meth.; Metal chelates; Simulation; Reversed-phase 269(1992)229

Meat

Catalytic meth.; Flow injection; Fluorimetry; Kinetic meth.; Foods; Nitrate; Nitrite; Waters; Bromate, Phenosafranine oxidation, Stopped-flow 265(1992)103

Meat freshness

Amperometry; Enzymatic meth.; Flow injection; Enzyme reactor; Hypoxanthine; Polyamines; Peroxidase electrode, Putrescine oxidase, Xanthine oxidase 261(1992)161

Mediators

Amperometry; Biosensors; Enzymatic meth.; Glucose; Microelectrodes; Cylindrical microelectrode, Immobilized glucose oxidase 263(1992)101

Membrane electrodes

Ion sel. electrodes; Crown ethers; Poly(vinyl chloride); Rubidium; Thiourea-containing cryptands 263(1992)169

Membrane permeability

Flow injection; Optim. meth.; Dialysis separation; Mathematical modelling; Axially dispersed plug flow model, Mass transfer 268(1992)7

Memory effect

Flow injection; Ion-selective electrodes; Response time; Sample dispersion; Silverhalides 261(1992)381

Mercury

At. abs. spectrometry; Flow injection; Microwave digestion; Sample preparation; Urine; Waters; Cold vapour, On-line 261(1992)91

Mercury electrodes

Pol; Voltammetry; Cadmium; Adsorption, Bromide media 262(1992)129

Mercury microelectrodes

Stripping voltam.; Hair; Lead; Anodic stripping 264(1992)213

Metal chelates

Liquid chrom.; Optim. meth.; Mathematical simulation; Simulation; Reversed-phase 269(1992)229

Metal ion binding

Ion exchange; Humic acids; Fulvic acids; Ultrafiltration; Waters; Zinc; Heterogeneity 267(1992)39

Metal ions

Flow injection; Spectrophotometry; Titrimetry; Complexometric, Redox 261(1992)495

Titrimetry; Lead; Precipitation; Glass electrode, Hydrolytic reaction, pH 263(1992)147

Chemiluminescence; Copper; Peroxyoxalate chemiluminescence; Imidazole catalyst 266(1992)233

Ion chromatogr.; Liquid chrom.; Reversed-phase ion-pair; EDTA complexes 270(1992)55

Metallization

Experimental design; Optim. meth.; Process anal.; Aluminium-silica-copper films; Analysis of variance; Integrated circuits; Regression analysis; Interfacial properties 267(1992) 111

Metalloporphyrins

Chemiluminescence; Flow injection; Liquid chrom.; Amino acids; Mimetic peroxidase 269(1992)109

Metallurgical samples

At. abs. spectrometry; Flow injection; Fibre column; Gold; Ores; 8531 fibre 270(1992)205

Metal-polyacid complexes

Stripping voltam.; Titrimetry; Protolytic control; Zinc; Polymethacrylic acid 264(1992)163

Metal-polyelectrolyte systems

Polarography; Induced reactant adsorption; Cadmium-polymethacrylate, Normal pulse 268(1992)261

Methylene oxide

Gas chromatography 264(1992)365

Methylglyoxal

Chromatography; Fluorimetry; Butan-2,3-dione; 1,2-Diamino-4,5-dimethoxybenzene; 6,7-Diamino-2-methylquinoxaline; 6,7-Dimethoxy-2,3-dimethylquinoxaline 263(1992)137

Methyl isothiocyanate

Liquid chrom.; Pesticides; Waters; Coupled columns 268 (1992)205

Methyl linoleate hydroperoxide

Chemiluminescence; Cyclic voltammetry; Lipid hydroperoxides; Luminol 262(1992)59

Micellar bile salt coated column

Ion chromatogr.; Beverages; Inorganic cations; Waters; Wine 267(1992)141

Micellar media

Fluorimetry; Liquid chrom.; Polynuclear aromatic hydrocarbons; Preconcentration; Waters; Sep-Pak C_{18} cartridge 264 (1992)241

Catalytic meth.; Kinetic meth.; UV-VIS; Lead; Dodecyltrimethylammonium micelles, Pyrogallol Red 266(1992)43

UV-VIS; Cetylpyridinium chloride; Hexadecylpyridinium chloride; Iodide; Triiodide 268(1992)145

Micelles

Spectrophotometry; Automated alkaline methods; Blood; Cyanide; Haemoglobin 262(1992)67

Liquid chrom.; Sample prep.; Ultrafiltration; Uranyl ions; Waters; Hydrophilic membranes, Surfactants 264(1992)303

Microdistillation

Flow injection; Ammonia; Continuous flow; Nitrate; Nitrogen; Determination 266(1992)107

Flow injection; Nitrogen; Determination, Plant, Soil 266 (1992)113

Microelectrodes

Amperometry; Biosensors; Enzymatic meth.; Glucose; Mediators; Cylindrical microelectrode, Immobilized glucose oxidase 263(1992)101

Microporous membrane introduction

Mass spectrometry; Glow discharge; Volatile organic compounds; Aqueous solution 266(1992)1

Microprobe analysis

Induct. coupled plasma-MS; Geological materials; Laser ablation 269(1992)263

Microsample introduction

At. emission spectrom.; Plasmas; Tungsten filament electrode; Capacitively coupled microwave plasma 264(1992)319

At. emission spectrom.; Plasmas; Tungsten filament electrode; Capacitively coupled microwave plasma 264(1992)327

Microtitre plate

Immunoassay; Enzyme amplified immunoassay; Nitroethane; Suicide substrate; Thyroid stimulating hormone; Hyperthyroidism, FADP 269(1992)301

Microwave-induced plasma

At. emission spectrom.; Gas chromatography; Lead; Plasmas; Speciation; Waters; Grignard derivatization, Organolead 262 (1992)285

Gas chromatography; Noise spectra; Plasmas; Reflected power 269(1992)89

Microwave digestion

At. abs. spectrometry; Flow injection; Mercury; Sample preparation; Urine; Waters; Cold vapour, On-line 261(1992)91

At. abs. spectrometry; Sample prep.; Biological samples; Trace metals; Acid digestion, Double PTFE vessel 264(1992)101

Principal components; Fuzzy clustering; PROMETHEE, SIMCA 268(1992)81

At. abs. spectrometry; Arsenic; Hydride generation; Selenium; Electrical heating system 268(1992)315

Microwave oven

Flow injection; Spectrophotometry; Chemical oxygen demand; Waters 261(1992)295

Digestion system 264(1992)97

Milk

Flow injection; Fluorimetry; Pharmaceuticals; Sulphonamides; Photochemically induced fluorescence 269(1992)193

Minerals

Kinetic meth.; Piezoelectric sensors; Gold; Electrodeposition, Gold-plated quartz crystal 263(1992)143

Electron probe meth.; X-ray fluores. spectrometry; Cluster analysis; Hierarchical cluster techniques; Kappa statistics; Ward's method 267(1992)81

Sample prep.; UV-VIS; Acid decomposition; Geological materials; Rocks; Silica; Room temperature 268(1992)357

Mixture design

Liquid chrom.; Optim. meth.; Phenylalanine; Tryptophan; Tyrosine; Mobile phase composition 270(1992)13

Modal fields

Optic devices; Refractive index; Integrated optic components, Simulations, Transversal model fields 265(1992)267

Molecular absorption spectrometry

At. abs. spectrometry; Aluminium monofluoride; Bone; Fluoride; Calcium phosphate, Formic acid 262(1992)33

Molecular emission cavity analysis

Cavity surface effect; Sulphur compounds; Alkali metal salts 270(1992)247

Molecular weight distribution

Mass spectrometry; Poly(ethylene glycols); Fast atom bombardment 262(1992)277

Molybdenum

Catalytic meth.; Flow injection; Kinetic analysis; Catalytic reactions; Chromium; Cobalt; Copper; Iron; Manganese; Selenium; Trace elements; Vanadium; Waters 261(1992)167

Spectrophotometry; Silicate rocks; Toluene-3,4-dithiol complexes; Tungsten; Granite, Sequential determination 270 (1992)267

Molybdenum tube atomizer

At. abs. spectrometry; Biological samples; Silver; Ammonium thiocyanate chemical modifier 267(1992)131

Multi-site detection

Flow injection; Spectrophotometry; Aluminium; Iron; Plant materials; Detector relocation 261(1992)59

Multicomponent spectra

Spectrophotometry; Fuzzy linear programming; Spectrophotometry; Deconvolution 265(1992)55

Multiphoton ionization detection

Fiber-optic detector; Optical filter; Polycyclic aromatic hydrocarbons 264(1992)1

Multivariate analysis

At. abs. spectrometry; Antimony; Arsenic; Hydride generation; Selenium; Interferences, Multiple linear regression 268 (1992)115

UV-VIS; Derivative spectroscopy; Extraction; Polycyclic aromatic hydrocarbons; Mathematical filters 268(1992)135

Mussels

Gas chromatography; Butyltin compounds; Organotin compounds; Phenyltin compounds; Sea water; Sediments; Waters; Simultaneous determination 264(1992)91

N

Naphthalene-2,3-dicarboxaldehyde / cyanide

Kinetic analysis; Liquid chrom.; Fluorescence detection; Peptides 262(1992)209

Naphthalenesulphonates

Ion sel. electrodes; Voltammetry; Polypyrrole-modified electrodes; Alkali and alkaline earth metal chlorides, Cation-selective electrodes 266(1992)89

Nebulization

At. abs. spectrometry; Droplet-size distribution, Hydraulic high-pressure and pneumatic nebulization, Flame, Matrix effects 262(1992)261

Neodymium

At. emission spectrom.; Liquid chrom.; Lanthanum; Plasmas; Rare earth elements; Terbium; 2-Ethylhexyl hydrogen-2-ethylhexyl phosphonate, Hydroxypolyacrylate resin, PC-88A 262 (1992)161

Spectrophotometry; Derivative spectroscopy; Erbium; Rare earth elements; Diethylamine, Electron transitions, Ferron 262(1992)253

Neodymium oxide

Flow injection; Fluorimetry; Europium; Rare earth elements; Samarium; Resin column 266(1992)67

Neopynamine

UV-VIS; Derivative spectroscopy; Fenitrothion; Insecticides; Permethrin; Piperonyl butoxide 268(1992)153

Neuronal sensing

Biosensors; Flow system; 5-Hydroxytryptamine; Serotonin 262(1992)1

Neurotoxins

Biosensors; 3-Acetyl pyridine 264(1992)189

Nickel

At. abs. spectrometry; Flow injection; Cadmium; Copper; Lead; Preconcentration; Sea water; Waters; Graphite furnace, On-line sorbent extraction, Time- and volume-based sampling 261(1992)477

Gas chromatography; Liquid chrom.; Copper; Palladium; Schiff bases 268(1992)49

Polarography; Voltammetry; Cobalt; Expert system; Thallium; Trace metals; KES 268(1992)107

Liquid chrom.; Cobalt; Osmium; Palladium; Platinum; Rhodium; 2-(6-Methyl-2-benzothiazolylazo)-5-diethylamino-phenol 269(1992)223

Nicotinamide adenine dinucleotide

Polarography; Differential pulse, Dropping mercury electrode 270(1992)173

Nitrate

Amperometry; Flow injection; Nitrite; Waters; Copperized cadmium reductor column 261(1992)391

Flow injection; Ion sel. electrodes; Potentiometry; Ion-sensitive field-effect transistors; pH 261(1992)419

Catalytic meth.; Flow injection; Fluorimetry; Kinetic meth.; Foods; Meat; Nitrite; Waters; Bromate, Phenosafranine oxidation, Stopped-flow 265(1992)103

Flow injection; Ammonia; Continuous flow; Micro-distillation; Nitrogen; Determination 266(1992)107

Amperometry; Flow injection; Chloride; Liquid/liquid interface; Cellulose membrane, Water/nitrobenzene interface 268(1992)285

Nitrite

Amperometry; Flow injection; Nitrate; Waters; Copperized cadmium reductor column 261(1992)391

Catalytic meth.; Flow injection; Fluorimetry; Kinetic meth.; Foods; Meat; Nitrate; Waters; Bromate, Phenosafranine oxidation, Stopped-flow 265(1992)103

Nitroethane

Immunoassay; Enzyme amplified immunoassay; Microtitre plate; Suicide substrate; Thyroid stimulating hormone; Hyperthyroidism, FADP 269(1992)301

Nitrogen

Flow injection; Spectrophotometry; Chloride; Waters; Ammonia-N, Dialysis, Industrial effluents, Gas diffusion 261(1992) 453

Flow injection; Ammonia; Continuous flow; Micro-distillation; Nitrate; Determination 266(1992)107

Flow injection; Microdistillation; Determination, Plant, Soil 266(1992)113

Nitrogen oxides

Acoustic meth.; Fluorimetry; Iodine; Lasers; Nuclear fuel reprocessing off-gas 270(1992)181

Nitrophenyl glucuronide

Chemiluminescence; Enzymatic meth.; Flow injection; UV-VIS; Enzymatic hydrolysis; Urine; Glucuronidase, Immobilized biocatalysts 264(1992)275

Nitropyrenes

Chemiluminescence; Liquid chrom.; Sample prep.; Air; Emission particulates; Engine emissions; Diesel and gasoline engines, Reduction to aminopyrenes 266(1992)251

Noise reduction

Chemiluminescence; Flow system; Liquid chrom.; Dipyridamole; Phthalate esters; Di-2-ethylhexyl phthalate, Peroxyoxalate 266(1992)225

Noise spectra

Gas chromatography; Microwave-induced plasma; Plasmas; Reflected power 269(1992)89

Norepinephrine

Fluorimetry; Mass spectrometry; Catecholamines; Dopamine; Epinephrine; 1,2-Diphenylethylenediamine 267(1992)137

Nuclear fuel reprocessing off-gas

Acoustic meth.; Fluorimetry; Iodine; Lasers; Nitrogen oxides 270(1992)181



Olive oil

Flow injection; Spectrophotometry; Bitterness; Extraction; Solid-liquid 261(1992)367

Optical filter

Fiber-optic detector; Multiphoton ionization detection; Polycyclic aromatic hydrocarbons 264(1992)1

Optical sensor

Chemiluminescence; Kinetic analysis; Oxygen; Platinum complex; Polymer film; Quenching, Stern-Volmer equation 262 (1992)27

Optic devices

Modal fields; Refractive index; Integrated optic components, Simulations, Transversal model fields 265(1992)267

Optodes

Sensors; Bulk optode membranes; Plasticized PVC 266(1992)

Ores

Flow injection; Spectrophotometry; Fibre-optic sensor; Palladium; Chromogenic reagents 262(1992)97

Chemiluminescence; Gold; Foamed plastic, Solid surface 262 (1992)225

At. emission spectrom.; Induct. coupled plasma spectrom.; Sample prep.; Lanthanides; Rare earth elements; Yttrium; Interferences, Monazite 264(1992)333

At. abs. spectrometry; Flow injection; Fibre column; Gold; Metallurgical samples; 8531 fibre 270(1992)205

Organic bases

Coulometry; Potentiometry; Titrimetry; Hydrogen ions; Anodic oxidation, Depolarizers 265(1992)35

Organic solutes

Liquid chrom.; Optim. meth.; Desirability functions; Sequential simplex optimization; Acetophenone, Methylbenzoate, Phenol, Toluene, Uracil 270(1992)101

Organochlorine pesticides

Polarography; Sample prep.; Apples; Extraction; Foods; Pesticides; Differential-pulse, Emulsified medium 264(1992)141

Gas chromatography; Pesticides; Polychlorobiphenyls; Sediments; Electron-capture detection 269(1992)205

Organolead compounds

Potentiometry; Stripping voltam.; Gasoline; Lead; Tetraethyllead; Tetramethyllead 267(1992)165

Organophosphorus compounds

Piezoelectric sensors; Gases; Vapours 264(1992)43

Piezoelectric sensors; Coatings; Vapour phase 269(1992)289

Organophosphorus pesticides

Amperometry; Biosensors; Carbamate pesticides; Pesticides; Chemically modified electrodes, Cobalt phthalocyanine, Disposable strip, Immobilized cholinesterase 269(1992)281

Organotin compounds

Gas chromatography; Butyltin compounds; Mussels; Phenyltin compounds; Sea water; Sediments; Waters; Simultaneous determination 264(1992)91

Orotate

Chemiluminescence; Liquid chrom.; Urine; Lanthanide ion sensitization 262(1992)201

Osmium

Liquid chrom.; Cobalt; Nickel; Palladium; Platinum; Rhodium; 2-(6-Methyl-2-benzothiazolylazo)-5-diethylaminophenol 269 (1992)223

Ovomucoid

Chromatography; β -Blocking agents; Cellulase; Chiral selectors; Chiral stationary phase; Enantioselectivity 270(1992)1

Oxime

UV-VIS; Copper; Extraction; Sea water; Waters; Cellulose triacetate powder 264(1992)59

Oxygen

Chemiluminescence; Kinetic analysis; Optical sensor; Platinum complex; Polymer film; Quenching, Stern-Volmer equation 262(1992)27

Ozone

Flow injection; Potentiometry; Bromate; Chlorite; Dichromate; Hydrogen peroxide; Iron(III)-iron(II) buffer, Sensitivity enhancement, Redox reaction 261(1992)405

P

Palladium

Flow injection; Spectrophotometry; Fibre-optic sensor; Ores; Chromogenic reagents 262(1992)97

Gas chromatography; Liquid chrom.; Copper; Nickel; Schiff bases 268(1992)49

At. emission spectrom.; Induct. coupled plasma spectrom.; Sample prep.; Chelating resins; Gold; Iridium; Platinum; Preconcentration; Poly(vinylthiopropionamide) resin, Trace enrichment 268(1992)323

Liquid chrom.; Cobalt; Nickel; Osmium; Platinum; Rhodium; 2-(6-Methyl-2-benzothiazolylazo)-5-diethylaminophenol 269 (1992)223

Papaverine

Cyanopropyl-bonded sorbents; Extraction; Solid-phase extraction; Between-batch variation, Between-manufacturer variation, Inter-day variation 262(1992)135

Paracetamol

Flow injection; Spectrophotometry; Acetaminophen; Pharmaceuticals; 2-Iodylbenzoate oxidation 261(1992)261

Paraxanthine

Liquid chrom.; H-point standard addition method; Theophylline; Xanthines 268(1992)73

Particulate matter

At. emission spectrom.; Air; Filters; Plasmas; Inductively coupled, Leaching 262(1992)299

Passive dosimeter

Fluorimetry; Air; Ammonia; Filter-paper, Fluorescamine, Sodium lauryl sulphate 263(1992)175

Pattern recognition

Gas chromatography; Mass spectrometry; Air pollutants; Expert systems; Toxic compounds, Organic compounds 265 (1992)43

Peak height prediction

Flow injection; Sample transport 261(1992)549

Peak intensities

Flow injection; Signal proc. meth.; Wavelet transform 267 (1992)73

Peak purity control

Liquid chrom.; Evolving factor analysis; Artefacts, Diode-array detection 263(1992)21

Liquid chrom.; Evolving factor analysis; Heteroscedastic noise; Diode-array detection, Fixed-size window 263(1992)29

Liquid chrom.; Evolving factor analysis; Heuristic evolving latent projections 267(1992)63

Penicillin

Enzymatic meth.; Flow injection; Potentiometry; Enzyme electrodes; Fermentation; Penicillinase electrode 264(1992)13

Chemiluminescence; Fluorimetry; Luminol-iodine reaction, Stopped-flow 266(1992)301

Flow injection; Readout correlation; Penicilloic acid 269 (1992)35

Penicillinase electrode

Enzymatic meth.; Flow injection; Potentiometry; Enzyme electrodes; Fermentation; Penicillin 264(1992)13

Peptides

Liquid chrom.; Amines; Amino acids; Ferrocene tagging reagents; Electrochemical detection 262(1992)145

Kinetic analysis; Liquid chrom.; Fluorescence detection; Naphthalene-2,3-dicarboxaldehyde/cyanide 262(1992)209

Titrimetry; Amino acids; Copper; Caseine proteolysates 268 (1992)163

Liquid chrom.; Casomorphin peptides; Retention characteristics 268(1992)247

Permeation

Flow injection; Potentiometry; Spectrophotometry; Chlorine; Gas diffusion unit; Halogens; Coated-wire ion-selective electrode, Permanganate oxidation, PTFE porous membrane 261 (1992)461

Permethrin

UV-VIS; Derivative spectroscopy; Fenitrothion; Insecticides; Neopynamine; Piperonyl butoxide 268(1992)153

Peroxyoxalate chemiluminescence

Chemiluminescence; Liquid chrom. 266(1992)175

Chemiluminescence; Copper; Metal ions; Imidazole catalyst 266(1992)233

Peroxyoxalate reaction

Chemiluminescence; Bilirubin; Light emission 269(1992)99

Pesticides

Gas chromatography; Mass spectrometry; Fenitrothion; Photolysis; Mercury lamp, Water-methanol 262(1992)167

Gas chromatography; GC-MS; Liquid chrom.; Mass spectrometry; Supercrit. fluid chromatogr.; Environmental samples; Review 263(1992)1

Polarography; Sample prep.; Apples; Extraction; Foods; Organochlorine pesticides; Differential-pulse, Emulsified medium 264(1992)141

At. emission spectrom.; Gas chromatography; Birds; Chloro compounds; Sulphur compounds; Universal calibration 265 (1992)87

Flow injection; UV-VIS; Propoxur; Waters; p-Aminophenol hydrolysis 266(1992)119

Liquid chrom.; Sample prep.; Polar pollutants; Waters; Automated sample clean-up, Cartridge exchange system, Diodearray detection 268(1992)55

Liquid chrom.; Methyl isothiocyanate; Waters; Coupled columns 268(1992)205

Electron spin res.; Diquat; Herbicides; Soils; Waters; Urine 268(1992)217

Gas chromatography; Organochlorine pesticides; Polychlorobiphenyls; Sediments; Electron-capture detection 269(1992)

Amperometry; Biosensors; Carbamate pesticides; Organophosphorus pesticides; Chemically modified electrodes, Cobalt phthalocyanine, Disposable strip, Immobilized cholinesterase 269(1992)281

Petroleum

Thermometric meth.; Enthalpimetry; Sulphur compounds; Thiols; Kerosene medium, Phenylmercury(II) acetate 268 (1992)171

nH

Flow injection; Ion sel. electrodes; Potentiometry; Ion-sensitive field-effect transistors; Nitrate 261(1992)419

Flow injection; UV-VIS; Gradient scanning; Tristimulus colorimetry; Bovine serum albumin 268(1992)29

Sensors; Ammonia; Waters; Immobilized pH indicator, Optical-chemical sensor 269(1992)83

pH determination

Fluorimetry; Brønsted activity factors; Debye-Hückel theory; Dioxane-water mixtures 269(1992)257

Pharmaceuticals

Flow injection; Spectrophotometry; Acetaminophen; Paracetamol; 2-Iodylbenzoate oxidation 261(1992)261

Catalytic meth.; Cyclic voltammetry; Ascorbic acid; Chemically modified electrodes; Electrocatalytic oxidation, Poly(1-naphthylamine) film, Transition metal ions 262(1992)331

Conductimetry/oscillometry; Aspirin; Piezoelectric sensor; Quartz crystal; Salicylic acid; Frequency shift, p-matrix calibration 263(1992)77

Flow injection; UV-VIS; Cerium arsenite; Promethazine; Solid-phase reactor; Oxidation 264(1992)283

Amperometry; Stripping voltam.; Voltammetry; Carbon fibre ultramicroelectrode array; Dihydroxyphenylalanine; DOPA; Nafion coating 265(1992)27

At. abs. spectrometry; Flow injection; Isoniazid; Manganese dioxide oxidation, Polyester resin beads, Reagent entrapment 265(1992)81

Liquid chrom.; Sample prep.; Betamethasone; Dexamethasone; 1-Ethoxy-4-(dichloro-s-triazinyl)naphthalene 268(1992) 255

Flow injection; Fluorimetry; Milk; Sulphonamides; Photochemically induced fluorescence 269(1992)193

Flow injection; UV-VIS; Cardiac glycosides; Picric acid 269 (1992)199

Liquid chrom.; UV-VIS; Doping; Ethacrynic acid; Extraction; Urine; Solid-phase 270(1992)39

Phosphorimetry; Laser-induced phosphoresence; Room-temperature phosphorescence; Sport 270(1992)239

Phenols

Flow injection; Spectrophotometry; Waters; 4-Aminoantipyrine, 3-Methyl-2-benzothiazoline hydrazone 261(1992)253

Biosensors; Enzymatic meth.; Hydrogen peroxide; Tissue bioelectrode 264(1992)7

UV-VIS; Multiple linear regression 267(1992)95

Phenylalanine

Liquid chrom.; Optim. meth.; Mixture design; Tryptophan; Tyrosine; Mobile phase composition 270(1992)13

Phenyltin compounds

Gas chromatography; Butyltin compounds; Mussels; Organotin compounds; Sea water; Sediments; Waters; Simultaneous determination 264(1992)91

Phosphate

Flow injection; Ion sel. electrodes; Potentiometry; Lead; Waters; Interferences 261(1992)411

Enzymatic meth.; Potentiometry; Blood; Serum; Alkaline phosphatase, o-Carboxyphenyl phosphate, Salicylate-sensitive membrane electrode 265(1992)1

Phosphatidylcholine

Sensors; Concanavalin A; Unilamellar vesicles; Non-selective interactions 264(1992)185

Phosphoglyceride hydroperoxides

Chemiluminescence; Liquid chrom.; Luminol; Plasma; Rat plasma 266(1992)287

Phospholipase A₂

Chemiluminescence; Immunoassay; Electroluminescence immunoassay; Aluminium electrode, Heterogeneous and homogeneous assays, Terbium complex of 2,6-bis[*N*,*N*-bis(carboxymethyl)aminomethyl]-4-benzoylphenol 266(1992)205

Photobioelectrodes

Voltammetry; Electron transfer mediators; Quinones; Photosynthetic reaction centres 266(1992)97

Photodecarboxylation

Acetic acid; Anomalous thermal lens; Uranyl 262(1992)231

Photolysis

Gas chromatography; Mass spectrometry; Fenitrothion; Pesticides; Mercury lamp, Water-methanol 262(1992)167

Phthalate esters

Chemiluminescence; Flow system; Liquid chrom.; Dipyridamole; Noise reduction; Di-2-ethylhexyl phthalate, Peroxyoxalate 266(1992)225

Piperonyl butoxide

UV-VIS; Derivative spectroscopy; Fenitrothion; Insecticides; Neopynamine; Permethrin 268(1992)153

Pipettes

Batch injection; Computerized pipettes, Programmable dispersion 267(1992)171

Plant juice carriers

Flow injection; Polyphenols; Banana pulp, Spinach leaf 261 (1992)361

Plant materials

Flow injection; Spectrophotometry; Aluminium; Iron; Multisite detection; Detector relocation 261(1992)59

Plasma

Chemiluminescence; Liquid chrom.; Luminol; Phosphoglyceride hydroperoxides; Rat plasma 266(1992)287

Plasmas

Flow injection; Mass spectrometry; Preconcentration; Rhenium; Sea water; Waters; Anion-exchange microcolumn, Inductively coupled, On-line 261(1992)315

At. emission spectrom.; Liquid chrom.; Lanthanum; Neodymium; Rare earth elements; Terbium; 2-Ethylhexyl hydrogen-2-ethylhexyl phosphonate, Hydroxypolyacrylate resin, PC-88A 262(1992)161

At. emission spectrom.; Gas chromatography; Lead; Microwave-induced plasma; Speciation; Waters; Grignard derivatization, Organolead 262(1992)285

At. emission spectrom.; Air; Filters; Particulate matter; Inductively coupled, Leaching 262(1992)299

At. emission spectrom.; Microsample introduction; Tungsten filament electrode; Capacitively coupled microwave plasma 264(1992)319

At. emission spectrom.; Microsample introduction; Tungsten filament electrode; Capacitively coupled microwave plasma 264(1992)327

Gas chromatography; Microwave-induced plasma; Noise spectra; Reflected power 269(1992)89

At. emission spectrom.; Laser induced, Liquid aerosols 269 (1992)123

Platinum

At. emission spectrom.; Induct. coupled plasma spectrom.; Sample prep.; Chelating resins; Gold; Iridium; Palladium; Preconcentration; Poly(vinylthiopropionamide) resin, Trace enrichment 268(1992)323

Liquid chrom.; Cobalt; Nickel; Osmium; Palladium; Rhodium; 2-(6-Methyl-2-benzothiazolylazo)-5-diethylaminophenol 269 (1992)223

Platinum complex

Chemiluminescence; Kinetic analysis; Optical sensor; Oxygen; Polymer film; Quenching, Stern-Volmer equation 262(1992)27

Polar pollutants

Liquid chrom.; Sample prep.; Pesticides; Waters; Automated sample clean-up, Cartridge exchange system, Diode-array detection 268(1992)55

Polyacrylamides

At. abs. spectrometry; I.r. spectrometry; Reineckate; Waters; Precipitation 263(1992)119

Polyamines

Amperometry; Enzymatic meth.; Flow injection; Enzyme reactor; Hypoxanthine; Meat freshness; Peroxidase electrode, Putrescine oxidase, Xanthine oxidase 261(1992)161

Amperometry; Biosensors; Enzymatic meth.; Flow injection; Enzyme electrodes; Fish; Putrescine; Hydrogen peroxide 263 (1992)93

Poly(aminophosphonic acid) resin

At. abs. spectrometry; Sample prep.; Preconcentration; Trace metals; Waters; Chelation 264(1992)53

Polychlorobiphenyls

Gas chromatography; Organochlorine pesticides; Pesticides; Sediments; Electron-capture detection 269(1992)205

Polycyclic aromatic hydrocarbons

Fiber-optic detector; Multiphoton ionization detection; Optical filter 264(1992)1

Gas chromatography; Optim. meth.; Factorial design; Simplex optimization 268(1992)67

UV-VIS; Derivative spectroscopy; Extraction; Multivariate analysis; Mathematical filters 268(1992)135

Poly(ethylene glycols)

Mass spectrometry; Molecular weight distribution; Fast atom bombardment 262(1992)277

Polymer-modified electrodes

Amperometry; Dichloramine; Polypyrrole 263(1992)71

Polymer film

Chemiluminescence; Kinetic analysis; Optical sensor; Oxygen; Platinum complex; Quenching, Stern-Volmer equation 262 (1992)27

Polynuclear aromatic hydrocarbons

Fluorimetry; Liquid chrom.; Micellar media; Preconcentration; Waters; Sep-Pak C_{18} cartridge 264(1992)241

Polvols

Liquid chrom.; Silica gels; Sugars; Evaporative light scattering detection 267(1992)147

Polyphenol index

Flow injection; UV-VIS; Wines; Folin-Ciocaltau reagent 269 (1992)21

Polyphenols

Flow injection; Plant juice carriers; Banana pulp, Spinach leaf 261(1992)361

Polypyrrole-modified electrodes

Ion sel. electrodes; Voltammetry; Naphthalenesulphonates; Alkali and alkaline earth metal chlorides, Cation-selective electrodes 266(1992)89

Poly(vinyl chloride)

Ion sel. electrodes; Crown ethers; Membrane electrodes; Rubidium; Thiourea-containing cryptands 263(1992)169

Amperometry; Biosensors; Sensors; Enzyme electrodes; Hydrogen peroxide, Permselective barrier membrane 269(1992)65

Poly(vinyl chloride) membrane

UV-VIS: Bathophenanthroline: Iron 268(1992)351

Potassium

Flow injection; Spectrophotometry; Crown ethers; Waters; Precipitation, Tetraphenylborate 261(1992)225

Potassium hydrogenphthalate

Induct. coupled plasma-MS; Trace metals; Electrothermal vaporization, Ion-exchange separation 265(1992)93

Precipitation

Titrimetry; Lead; Metal ions; Glass electrode, Hydrolytic reaction, pH 263(1992)147

Preconcentration

Flow injection; Mass spectrometry; Plasmas; Rhenium; Sea water; Waters; Anion-exchange microcolumn, Inductively coupled, On-line 261(1992)315

Flow injection; Anod. stripping voltammetry; Cadmium; Copper; Lead; Speciation; Trace metals; Waters; Zinc; Differential-pulse, Filtration 261(1992)323

Flow injection; Spectrophotometry; Ammonia; Waters; Cation-exchange column 261(1991)339

Flow injection; Spectrophotometry; Extraction; Liquid membranes; Flow-through supported liquid membrane unit 261 (1902)441

At. abs. spectrometry; Flow injection; Cadmium; Copper; Lead; Nickel; Sea water; Waters; Graphite furnace, On-line sorbent extraction, Time- and volume-based sampling 261 (1992)477

At. abs. spectrometry; Sample prep.; Poly(aminophosphonic acid) resin; Trace metals; Waters; Chelation 264(1992)53

Ion exchange; Voltammetry; Lead; Solid-state cell; Waters; High-resistive media, Nafion membrane, Polymer-coated electrode 264(1992)221

Fluorimetry; Liquid chrom.; Micellar media; Polynuclear aromatic hydrocarbons; Waters; Sep-Pak C₁₈ cartridge 264 (1992)241

Flow injection; Ion exchange; Sample prep.; UV-VIS; Thorium; Uranium; Waters; Dowex 50-X8 264(1992)291

At. abs. spectrometry; Gold; Supported liquid membranes 265(1992)71

At. abs. spectrometry; Sample prep.; Cadmium; Copper; Sea water; Solid-phase extraction; Waters; Ammonium tetramethylenedithiocarbamate, Graphite furnace, Silica gel C₁₈ 267

At. abs. spectrometry; Arginine; Graphite furnace, Nafion-modified tungsten coil 268(1992)159

Sample prep.; X-ray fluores. spectrometry; Coprecipitation; Trace metals; Waters; Aluminium hydroxide 268(1992)177

At. emission spectrom.; Induct. coupled plasma spectrom.; Sample prep.; Chelating resins; Gold; Iridium; Palladium; Platinum; Poly(vinylthiopropionamide) resin, Trace enrichment 268(1992)323

At. abs. spectrometry; Flow injection; Sorbent extraction; Zone penetration dilution; Flame, Sinusoidal syringe pump 269(1992)9

Conductimetry/oscillometry; Flow injection; Air; Sulphur dioxide 269(1992)177

At. abs. spectrometry; Sample prep.; Chromium; Copper; Manganese; Sea water; Chelex-100, Lewatit TP 207 270 (1992)79

Printed enzyme electrodes

Amperometry; Biosensors; Enzymatic meth.; Ink-jet printing; Enzyme electrodes; Tetrathiafulvalene mediator 262(1992)13

Process analysis

Flow injection; Flow system; UV-VIS; Calibration; Dilution; Automation, Continuous flow, Open-closed flow system 264 (1992)265

Procrustean analysis

Principal components; Stripping voltam.; Cadmium; Lead; Target factor analysis 263(1992)37

Promethazine

Flow injection; UV-VIS; Cerium arsenite; Pharmaceuticals; Solid-phase reactor; Oxidation 264(1992)283

Propoxur

Flow injection; UV-VIS; Pesticides; Waters; p-Aminophenol hydrolysis 266(1992)119

Protein denaturation

UV-VIS; Electron spin res.; Stopped-flow apparatus; Adjustable pistons, Vertical design 269(1992)143

Proteins

Flow injection; Spectrophotometry; Biological samples; Urine; Coomassie Brilliant Blue, Double-plunge pump, Titanium reaction tube 261(1992)67

Spectrophotometry; Ferrocene; Iron; Ferrozine complex, Trichloroacetic acid 262(1992)87

Protolytic control

Stripping voltam.; Titrimetry; Metal-polyacid complexes; Zinc; Polymethacrylic acid 264(1992)163

Putrescine

Amperometry; Biosensors; Enzymatic meth.; Flow injection; Enzyme electrodes; Fish; Polyamines; Hydrogen peroxide 263(1992)93

PVC coated wire electrodes

Ion-selective electrodes; 4-Quinolones; Ciprafloxacin, Pharmaceuticals 268(1992)307

Pyrolysis

Flow injection; Spectrophotometry; Amino acids; Malachite Green, Peroxodisulphate digestion 261(1991)23

Pyruvate

Amperometry; Enzymatic meth.; Enzyme electrode; Carbon paste electrode, Entrapped pyruvate oxidase, Methylene green mediator 265(1992)15

Q

Quadrupole MS

Mass spectrometry; Secondary ion MS; Modification 267 (1992)121

Quartz crystals

Conductimetry/oscillometry; Aspirin; Pharmaceuticals; Piezoelectric sensor; Salicylic acid; Frequency shift, p-matrix calibration 263(1992)77

Piezoelectric sensors 264(1992)23

8-Quinolinol-5-sulphonic acid

Fluorimetry; Chromatography; Trace metals; Non-selective, Post-column 264(1992)297

4-Quinolones

Ion-selective electrodes; PVC coated wire electrodes; Ciprafloxacin, Pharmaceuticals 268(1992)307

Quinones

Voltammetry; Electron transfer mediators; Photobioelectrodes; Photosynthetic reaction centres 266(1992)97

R

Radionuclides

Ion exchange; Equilibrium dialysis; Humic acids; Ligand exchange; Stability constants 268(1992)235

Rare earth elements

At. emission spectrom.; Liquid chrom.; Lanthanum; Neodymium; Plasmas; Terbium; 2-Ethylhexyl hydrogen-2-ethylhexyl phosphonate, Hydroxypolyacrylate resin, PC-88A 262 (1992)161

Spectrophotometry; Derivative spectroscopy; Erbium; Neodymium; Diethylamine, Electron transitions, Ferron 262 (1992)253

At. emission spectrom.; Induct. coupled plasma spectrom.; Sample prep.; Lanthanides; Ores; Yttrium; Interferences, Monazite 264(1992)333

Flow injection; Fluorimetry; Europium; Neodymium oxide; Samarium; Resin column 266(1992)67

Rat plasma

Chemiluminescence; Liquid chrom.; Luminol; Plasma; Phosphoglyceride hydroperoxides 266(1992)287

Rats

Induct. coupled plasma-MS; Biological samples; Trace elements 269(1992)[15

Reaction elucidation

Mass spectrometry; Butylamines; Computer modelling; Fragmentation and rearrangement reactions 265(1992)169

Readout correlation

Flow injection; Penicillin; Penicilloic acid 269(1992)35

Reduced glutathione

Kinetic meth.; UV-VIS; Blood; Copper, Neocuproin 269 (1992)273

Refractive index

Modal fields; Optic devices; Integrated optic components, Simulations, Transversal model fields 265(1992)267

Regression analysis

Experimental design; Optim. meth.; Process anal.; Aluminium-silica-copper films; Analysis of variance; Integrated circuits; Metallization; Interfacial properties 267(1992)111

Piezoelectric sensors; Titrimetry; System parameters estimation, Titration data 269(1992)149

Reineckate

At. abs. spectrometry; I.r. spectrometry; Polyacrylamides; Waters; Precipitation 263(1992)119

Research papers

Abstracts; Information content; Literature analysis; Quality of analytical information 265(1992)133

Resolution significance

Data set analysis; Experimental design; Weighting procedures; Multicomponent determination 266(1992)133

Response equations

Flow system; Unsegmented flow system, Well-stirred mixing chamber 270(1992)195

Response time

Flow injection; Ion-selective electrodes; Memory effect; Sample dispersion; Silverhalides 261(1992)381

Reversed micelles

Chemiluminescence; Flow injection; Fluorimetry; Amino acids; Schiff bases; Aerosol OT surfactant, Phenylacetaldehyde 266(1992)359

Reversible interfacial reaction

Stripping voltam.; Voltammetry; Adsorption; Derivative current; Lincar potential sweep 268(1992)301

Review

Flow injection 261(1992)3

Flow injection; Continuous separation; Coupled techniques; Unsegmented flow 261(1992)425

Flow injection; Chinese flow-injection review 261(1992)557

Gas chromatography; GC-MS; Liquid chrom.; Mass spectrometry; Supercrit. fluid chromatogr.; Environmental samples; Pesticides 263(1992)1

Chemiluminescence; Analytical applications, Liquid phase 266(1992)147

Flow injection; Dispersion; Descriptive models, Predictive models 267(1992)1

Rhenium

Flow injection; Mass spectrometry; Plasmas; Preconcentration; Sea water; Waters; Anion-exchange microcolumn, Inductively coupled, On-line 261(1992)315

Rhodium

Liquid chrom.; Cobalt; Nickel; Osmium; Palladium; Platinum; 2-(6-Methyl-2-benzothiazolylazo)-5-diethylaminophenol 269 (1992)223

Robust statistics

Signal proc. meth.; UV-VIS; Kalman filter; Outliers 269 (1992)307

Rocks

Sample prep.; UV-VIS; Acid decomposition; Geological materials; Minerals; Silica; Room temperature 268(1992)357

Room-temperature phosphorescence

Phosphorimetry; Laser-induced phosphoresence; Pharmaceuticals; Sport 270(1992)239

Rubidium

Ion sel. electrodes; Crown ethers; Membrane electrodes; Poly(vinyl chloride); Thiourea-containing cryptands 263(1992)

Rubrene

Chemiluminescence; I.r. spectrometry; DNPO; Hydrogen peroxide; CO₂ yield, Quantum yield 266(1992)219

S

Salicylic acid

Conductimetry/oscillometry; Aspirin; Pharmaceuticals; Piezoelectric sensor; Quartz crystal; Frequency shift, p-matrix calibration 263(1992)77

Samarium

Flow injection; Fluorimetry; Europium; Neodymium oxide; Rare earth elements; Resin column 266(1992)67

Sample dispersion

Flow injection; Ion-selective electrodes; Memory effect; Response time; Silverhalides 261(1992)381

Sample preparation

At. abs. spectrometry; Flow injection; Mercury; Microwave digestion; Urine; Waters; Cold vapour, On-line 261(1992)91

UV-VIS; Sample prep.; UV-Visible spectrophotometry; Multiple linear regression 267(1992)103

Sample transport

Flow injection; Peak height prediction 261(1992)549

Sandwich techniques

Flow injection; Spectrophotometry; Chromium; Waters; Leather plant effluent 261(1992)219

SCANNET

Spectroscopy database; Databases 265(1992)201

Schiff bases

Chemiluminescence; Flow injection; Fluorimetry; Amino acids; Reversed micelles; Aerosol OT surfactant, Phenylacetaldehyde 266(1992)359

Gas chromatography; Liquid chrom.; Copper; Nickel; Palladium 268(1992)49

Sea water

Catalytic meth.; Flow injection; Spectrophotometry; Vanadium; Waters; Catalytic reaction, Continuous flow, Bindschedler's green leuco base 261(1992)189

Flow injection; UV-VIS; Waters 261(1992)307

Flow injection; Mass spectrometry; Plasmas; Preconcentration; Rhenium; Waters; Anion-exchange microcolumn, Inductively coupled, On-line 261(1992)315

Flow injection; Spectrophotometry; Ammonium; Fish farming; Waters 261(1992)345

Flow injection; Potentiometry; Ion sel. electrodes; Chloride; Copper; Thiocyanate; Urine; Waters; Membrane-coated carbon rod 261(1992)399

At. abs. spectrometry; Flow injection; Cadmium; Copper; Lead; Nickel; Preconcentration; Waters; Graphite furnace, On-line sorbent extraction, Time- and volume-based sampling 261(1992)477

Catalytic meth.; Stripping voltam.; Chromium; Waters 262 (1992)103

Gas chromatography; Mass spectrometry; Butyltin compounds; Ion-trap detection; Waters; Space-charging effect 262(1992)307

UV-VIS; Copper; Extraction; Oximes; Waters; Cellulose triacetate powder 264(1992)59

Gas chromatography; Butyltin compounds; Mussels; Organotin compounds; Phenyltin compounds; Sediments; Waters; Simultaneous determination 264(1992)91

Stripping voltam.; Complexation; Copper; Ligand competition; Speciation; Waters; Anodic stripping, Labile metal fraction 264(1992)153

Stripping voltam.; Alkyllead compounds; Extraction; Waters; Differential-pulse anodic stripping, Hexane extraction, Nitric acid re-extraction 264(1992)249

Flow injection; Chemiluminescence; Copper 266(1992)345

At. abs. spectrometry; Sample prep.; Cadmium; Copper; Preconcentration; Solid-phase extraction; Waters; Ammonium tetramethylenedithiocarbamate, Graphite furnace, Silica gel C₁₈ 267(1992)31

At. abs. spectrometry; Sample prep.; Chromium; Copper; Manganese; Preconcentration; Chelex-100, Lewatit TP 207 270(1992)79

Secondary ion MS

Mass spectrometry; Quadrupole MS; Modification 267(1992)

Sediments

Gas chromatography; Butyltin compounds; Mussels; Organotin compounds; Phenyltin compounds; Sea water; Waters; Simultaneous determination 264(1992)91

Gas chromatography; Organochlorine pesticides; Pesticides; Polychlorobiphenyls; Electron-capture detection 269(1992)205

Selenium

Catalytic meth.; Flow injection; Kinetic analysis; Catalytic reactions; Chromium; Cobalt; Copper; Iron; Manganese; Molybdenum; Trace elements; Vanadium; Waters 261(1992) 167

At. abs. spectrometry; Antimony; Arsenic; Hydride generation; Multivariate analysis; Interferences, Multiple linear regression 268(1992)115

At. abs. spectrometry; Arsenic; Hydride generation; Microwave digestion; Electrical heating system 268(1992)315

At. abs. spectrometry; Flow injection; Arsenic; Hydride generation; Environmental samples 270(1992)231

Sequential injection

Flow injection; Stopped flow 261(1992)11

Sequential simplex optimization

Liquid chrom.; Optim. meth.; Desirability functions; Organic solutes; Acetophenone, Methylbenzoate, Phenol, Toluene, Uracil 270(1992)101

Serotonin

Biosensors; Flow system; 5-Hydroxytryptamine; Neuronal sensing 262(1992)1

Serum

Flow injection; Spectrophotometry; Copper; 2-(2-Thiazo-lylazo)-4-methyl-(sulphomethylamino)benzoic acid 261(1992) 87

Flow injection; Spectrophotometry; Copper; Iron; 2-(5-Bromo-2-pyridylazo)-5-(*N*-propyl-*N*-sulphopropylamino)analine 261(1992)197

Fluorimetry; Flow injection; Vitamins; B₆ vitamers, Derivative synchronous, Multi-determination, Pyridoxal, Pyridoxal-5-phosphate, Pyridoxic acid 261(1992)269

Fluorimetry; Ascorbic acid; Foods; Landolt reaction; Urine; C₈BNC₆N amphiphile, Iodine quenching, Vesicular system 262(1992)79

Amperometry; Chemiluminescence; Electrochemical oxidation; Electrochemiluminescence; Lipid hydroperoxides; Glassy carbon electrode, Luminol, Platinum electrode 262(1992)217

Amperometry; Biosensors; Enzymatic meth.; Diglycerides; Enzyme electrodes; Glycerol; Glycerol-3-phosphate; Triglycerides; Nylon membrane 263(1992)85

Enzymatic meth.; Potentiometry; Blood; Phosphate; Alkaline phosphatase, o-Carboxyphenyl phosphate, Salicylate-sensitive membrane electrode 265(1992)1

Amperometry; Biosensors; Enzymatic meth.; Blood; Glucose; Needle-type, Platinum electrode 265(1992)5

Amperometry; Flow injection; Magnesium; Waters; Eriochrome Black T complex 269(1992)41

Fluorimetry; Kinetic meth.; UV-VIS; Imipramine; Stopped-flow mixing 269(1992)137

Chemiluminescence; Enzymatic meth.; Flow injection; Glucose; Immobilized pyranose oxidase reactor 269(1992)187

Serum ferritin

Chemiluminescence; Enzymatic meth.; Immunoassay; Camera luminometer; Ferritin 266(1992)193

Signal fluctuations

Flow injection; Factorial design 261(1992)533

Signal processing

At. abs. spectrometry; Flow injection; Detection limits; Zinc; Flame, Repetitive sample introduction 261(1992)115

Flow injection; Digital filters; Simulation 261(1992)509

At. abs. spectrometry; Amperometry; Flow injection; UV-VIS; Digital filter 261(1992)521

Silica

Sample prep.; UV-VIS; Acid decomposition; Geological materials; Minerals; Rocks; Room temperature 268(1992)357

Silica gels

Gas chromatography; Sample prep.; Calibration; Isothiocyanates; Standard gas mixtures; Thermal decomposition 265 (1992)127

Liquid chrom.; Polyols; Sugars; Evaporative light scattering detection 267(1992)147

Silicate rocks

Spectrophotometry; Molybdenum; Toluene-3,4-dithiol complexes; Tungsten; Granite, Sequential determination 270 (1992)267

Silicon

Flow injection; Spectrophotometry; Bismuth; Borosilicate glass 262(1992)243

Silicon based sensor

Sensors; Chlorine detection; Diffusion membrane; On-wafer deposited chemically anchored diffusion membrane 269 (1992)75

Silicon nitride powders

Neutron activ. meth.; Radiochem. meth.; Ceramics; Instrumental, Radiochemical 264(1992)345

Silver

At. abs. spectrometry; Biological samples; Molybdenum tube atomizer; Ammonium thiocyanate chemical modifier 267 (1992)131

Silver chloranilate

Flow injection; UV-VIS; Chloride; Waters 270(1992)217

Simazine

Gas chromatography; Atrazine; Estuarine samples 268(1992) 195

Simplex optimization

Gas chromatography; Optim. meth.; Factorial design; Polycyclic aromatic hydrocarbons 268(1992)67

Simulation

Liquid chrom.; Optim. meth.; Mathematical simulation; Metal chelates; Reversed-phase 269(1992)229

Singular value decomposition

Liquid chrom.; UV-VIS; Condition index; Spectral library searching 266(1992)13

Smallest set of smallest rings

Expert system; Structure perception; Connectivity, Pseudo tree 262(1992)179

Sodium

Cryptahemispheraplexes; Lithium complexes 263(1992)159

At. abs. spectrometry; Copper; Cyanide; Gold; Iron 264 (1992)107

Sodium dodecyl sulphate

Stripping voltam.; Copper; Humic acids; Thin mercury film glassy carbon electrode 270(1992)153

Soft drinks

Flow injection; Voltammetry; Ascorbic acid; Fruit juices; Square-wave 261(1992)375

Soils

Fluorimetry; Titanium; Acetylpyridine picolinoylhydrazone 262(1992)41

Gel perm. chromatogr.; Equilibrium dialysis; Fulvic acids; Humic acids; Waters; Fractionation, Solubility 267(1992)47

Electron spin res.; Diquat; Herbicides; Pesticides; Waters; Urine 268(1992)217

Solid-phase extraction

Cyanopropyl-bonded sorbents; Extraction; Papaverine; Between-batch variation, Between-manufacturer variation, Interday variation 262(1992)135

At. abs. spectrometry; Sample prep.; Cadmium; Copper; Preconcentration; Sea water; Waters; Ammonium tetramethylenedithiocarbamate, Graphite furnace, Silica gel C₁₈ 267 (1992)31

Solid-phase reactor

Flow injection; UV-VIS; Cerium arsenite; Pharmaceuticals; Promethazine; Oxidation 264(1992)283

Solid-state cell

Ion exchange; Voltammetry; Lead; Preconcentration; Waters; High-resistive media, Nafion membrane, Polymer-coated electrode 264(1992)221

Solid-state reference electrode

Waters; In situ measurements, Pressure insensitive electrode, Lake water 269(1992)49

Solochrome Violet RS

Stripping voltam.; Voltammetry; Aluminium 262(1992)339

Sorbent extraction

At. abs. spectrometry; Flow injection; Preconcentration; Zone penetration dilution; Flame, Sinusoidal syringe pump 269 (1992)9

Speciation

Flow injection; Anod. stripping voltammetry; Cadmium; Copper; Lead; Preconcentration; Trace metals; Waters; Zinc; Differential-pulse, Filtration 261(1992)323

At. emission spectrom.; Gas chromatography; Lead; Microwave-induced plasma; Plasmas; Waters; Grignard derivatization, Organolead 262(1992)285

Stripping voltam.; Complexation; Copper; Ligand competition; Sea water; Waters; Anodic stripping, Labile metal fraction 264(1992)153

Spectral library searching

Liquid chrom.; UV-VIS; Condition index; Singular value decomposition 266(1992)13

Spectroscopy database

SCANNET; Databases 265(1992)201

Spectrum fitting

Automated analysis; Minimization techniques, Simulations 265(1992)191

Spectrum interpretation

Data analysis; Expert systems; Substructure, Superatom, Superbond 265(1992)243

Stability constants

Ion exchange; Equilibrium dialysis; Humic acids; Ligand exchange; Radionuclides 268(1992)235

Polarography; Voltammetry; Adsorption; Cadmium; Lead 268(1992)275

Stabilization

UV-VIS; Dithizone; Chloroform-acetic acid 269(1992)269

Standard addition method

UV-VIS; Blank bias error; H-point method; Absorbance increment 270(1992)253

Standard gas mixtures

Gas chromatography; Sample prep.; Calibration; Isothiocyanates; Silica gel; Thermal decomposition 265(1992)127

Standardization

Conductimetry/oscillometry; Potentiometry; Titrimetry; Acids; Dissociation constants; Tetrahydrofuran; Glass electrodes, Tetrabutylammonium salts 264(1992)229

Stoichiometry

Polarography; Uranium dioxide; Differential-pulse, Oxygento-uranium ratio 264(1992)149

Stopped-flow apparatus

UV-VIS; Electron spin res.; Protein denaturation; Adjustable pistons, Vertical design 269(1992)143

Stopped-flow mixing

Fluorimetry; Kinetic meth.; UV-VIS; Imipramine; Serum 269 (1992)137

Stopped flow

Flow injection; Sequential injection 261(1992)11

Stripping analysis

Potentiometry; Furazolidone 262(1992)123

Strontium

Isotope dilut. meth.; Liquid chrom.; Extraction; Geological materials; Isotope ratios; Crown ether-loaded resin 269(1992) 249

Structure perception

Expert system; Smallest set of smallest rings; Connectivity, Pseudo tree 262(1992)179

Sugars

Flow injection; Spectrophotometry; Immobilized enzyme reactors; Fructose, Glucose, Sucrose 261(1992)137

Liquid chrom.; Polyols; Silica gels; Evaporative light scattering detection 267(1992)147

Suicide substrate

Immunoassay; Enzyme amplified immunoassay; Microtitre plate; Nitroethane; Thyroid stimulating hormone; Hyperthyroidism, FADP 269(1992)301

Sulphate

Flow injection; Spectrophotometry; Waters; Barium chloranilate-cellulose reaction column 261(1992)241

UV-VIS; Barium haloanilates 264(1992)131

Sulphide

Voltammetry; Sulphur; Waters; Electrolyte solutions 267 (1992)157

Sulphite

Chemiluminescence; Flow system; Wine; Gas diffusion, Luminol, Suppression 266(1992)317

Sulphite liquor

Gel perm. chromatogr.; Liquid chrom.; UV-VIS; Fermentation; Waters; Wood; Diode array 270(1992)63

Sulphonamides

Flow injection; Fluorimetry; Milk; Pharmaceuticals; Photochemically induced fluorescence 269(1992)193

Sulphur

Voltammetry; Sulphide; Waters; Electrolyte solutions 267 (1992)157

Sulphur compounds

At. emission spectrom.; Gas chromatography; Birds; Chloro compounds; Pesticides; Universal calibration 265(1992)87

Thermometric meth.; Enthalpimetry; Petroleum; Thiols; Kerosene medium, Phenylmercury(II) acetate 268(1992)171

Cavity surface effect; Molecular emission cavity analysis; Alkali metal salts 270(1992)247

Sulphur dioxide

Conductimetry/oscillometry; Flow injection; Air; Preconcentration 269(1992)177

Supported liquid membranes

At. abs. spectrometry; Gold; Preconcentration 265(1992)71

Surfactants

Fluorimetry; Flow injection; Spectrophotometry; Extraction; Waters; Anionic, Dyes, On-tube detection 261(1992)471

Alkaline earth metals; Extraction; Poly(oxyethylene), Triton X-100 264(1992)65

Amperometry; Cyclic voltammetry; Graphite electrodes; NADH, Phenoxazine 269(1992)59

T

Target factor analysis

Principal components; Stripping voltam.; Cadmium; Lead; Procrustean analysis 263(1992)37

Terbium

At. emission spectrom.; Liquid chrom.; Lanthanum; Neodymium; Plasmas; Rare earth elements; 2-Ethylhexyl hydrogen-2-ethylhexyl phosphonate, Hydroxypolyacrylate resin, PC-88A 262(1992)161

Chemiluminescence; Electroluminescence; Glucose; Zirconium electrode; Hydrogen peroxide, Oxide layer 266(1992)51

Tetraethyllead

Potentiometry; Stripping voltam.; Gasoline; Lead; Organolead compounds; Tetramethyllead 267(1992)165

Tetrahydrofuran

Conductimetry/oscillometry; Potentiometry; Titrimetry; Acids; Dissociation constants; Standardization; Glass electrodes, Tetrabutylammonium salts 264(1992)229

Conductimetry/oscillometry; Potentiometry; Titrimetry; Acid strength; Benzoic acids; Dissociation constants; Tetrabutylammonium salts 265(1992)157

Tetramethyllead

Potentiometry; Stripping voltam.; Gasoline; Lead; Organolead compounds; Tetraethyllead 267(1992)165

Tetranion

Gas chromatography; GC-MS; Sample prep.; Dalapon; Herbicides; Waters; Propionic acid herbicides, Trifluoroanilide derivatives 267(1992)25

Thallium

At. abs. spectrometry; Graphite furnace; Meteorites, Rocks 266(1992)127

Polarography; Voltammetry; Cobalt; Expert system; Nickel; Trace metals; KES 268(1992)107

At. abs. spectrometry; Cryptands; Erythrosin; Extraction; Liquid-liquid extraction 270(1992)87

Theophylline

Liquid chrom.; H-point standard addition method; Paraxanthine; Xanthines 268(1992)73

Thin metal films

At. abs. spectrometry; Reflectance spectrometry; Gold films 262(1992)269

Thiocyanate

Fluorimetry; Flow injection; Cyanide; König reaction; pH control 261(1992)281

Flow injection; Potentiometry; Ion sel. electrodes; Chloride; Copper; Sea water; Urine; Waters; Membrane-coated carbon rod 261(1992)399

Thiols

Thermometric meth.; Enthalpimetry; Petroleum; Sulphur compounds; Kerosene medium, Phenylmercury(II) acetate 268(1992)171

Thiourea

Piezoelectric sensors; Iodine reaction 268(1992)311

Thorium

Flow injection; Ion exchange; Sample prep.; UV-VIS; Preconcentration; Uranium; Waters; Dowex 50-X8 264(1992)291

Thyroid stimulating hormone

Immunoassay; Enzyme amplified immunoassay; Microtitre plate; Nitroethane; Suicide substrate; Hyperthyroidism, FADP 269(1992)301

Thyroxine

Chemiluminescence; Enzymatic meth.; Immunoassay; β-D-Galactosidase; 17α-Hydroxyprogesterone 266(1992)213

Tin

Stripping voltam.; Fruit juices; Adsorptive cathodic stripping, Glassy carbon mercury film electrode 270(1992)143

Tissue bioelectrode

Biosensors; Enzymatic meth.; Hydrogen peroxide; Phenols 264(1992)7

Titanium

Fluorimetry; Soils; Acetylpyridine picolinoylhydrazone 262 (1992)41

Activ. analysis; Boron; Charged particles 262(1992)193

Toluene-3,4-dithiol complexes

Spectrophotometry; Molybdenum; Silicate rocks; Tungsten; Granite, Sequential determination 270(1992)267

Trace elements

Catalytic meth.; Flow injection; Kinetic analysis; Catalytic reactions; Chromium; Cobalt; Copper; Iron; Manganese; Molybdenum; Selenium; Vanadium; Waters 261(1992)167

Induct. coupled plasma-MS; Biological samples; Rats 269 (1992)115

Trace measurement

Potentiometry; Stripping voltam.; Beryllium; Adsorptive stripping, Ultratrace determination 270(1992)137

Trace metals

Flow injection; Anod. stripping voltammetry; Cadmium; Copper; Lead; Preconcentration; Speciation; Waters; Zinc; Differential-pulse, Filtration 261(1992)323

At. abs. spectrometry; Sample prep.; Poly(aminophosphonic acid) resin; Preconcentration; Waters; Chelation 264(1992)53

At. abs. spectrometry; Sample prep.; Biological samples; Microwave digestion; Acid digestion, Double PTFE vessel 264 (1992)101

Fluorimetry; Chromatography; 8-Quinolinol-5-sulphonic acid; Non-selective, Post-column 264(1992)297 Induct. coupled plasma-MS; Potassium hydrogenphthalate; Electrothermal vaporization, Ion-exchange separation 265 (1992)93

Polarography; Voltammetry; Cadmium; Copper; Expert system; Indium; Lead; Zinc; KES 268(1992)95

Polarography; Voltammetry; Cobalt; Expert system; Nickel; Thallium; KES 268(1992)107

Sample prep.; X-ray fluores. spectrometry; Coprecipitation; Preconcentration; Waters; Aluminium hydroxide 268(1992)177

Transition metal ions

Extraction; Isoamylxanthates, Ternary solvent 264(1992)71

Trichromatic colorimetry

Titrimetry; Cadmium; Chromaticity parameters; Colour changes; EDTA, Metallochromic indicators, Specific colour discrimination 264(1992)137

Triglycerides

Amperometry; Biosensors; Enzymatic meth.; Diglycerides; Enzyme electrodes; Glycerol; Glycerol-3-phosphate; Serum; Nylon membrane 263(1992)85

Trihalomethanes

Fluorimetry; Flow injection; Waters 261(1992)335

Triiodide

UV-VIS; Cetylpyridinium chloride; Hexadecylpyridinium chloride; Iodide; Micellar media 268(1992)145

Tristimulus colorimetry

Flow injection; UV-VIS; Gradient scanning; pH; Bovine serum albumin 268(1992)29

Tryptophan

Liquid chrom.; Optim. meth.; Mixture design; Phenylalanine; Tyrosine; Mobile phase composition 270(1992)13

Tungsten

Spectrophotometry; Molybdenum; Silicate rocks; Toluene-3,4-dithiol complexes; Granite, Sequential determination 270 (1992)267

Tungsten filament electrode

At. emission spectrom.; Microsample introduction; Plasmas; Capacitively coupled microwave plasma 264(1992)319

At. emission spectrom.; Microsample introduction; Plasmas; Capacitively coupled microwave plasma 264(1992)327

Tyrosine

Liquid chrom.; Optim. meth.; Mixture design; Phenylalanine; Tryptophan; Mobile phase composition 270(1992)13

U

Ultrafiltration

Liquid chrom.; Sample prep.; Micelles; Uranyl ions; Waters; Hydrophilic membranes, Surfactants 264(1992)303

Ion exchange; Humic acids; Fulvic acids; Metal ion binding; Waters; Zinc; Heterogeneity 267(1992)39

Unilamellar vesicles

Sensors; Concanavalin A; Phosphatidylcholine; Non-selective interactions 264(1992)185

Unsegmented flow

Flow injection; Continuous separation; Coupled techniques; Review 261(1992)425

Uranium

Fluorimetry; Brines; Waters; Activated silica gel column separation 264(1992)115

Fluorimetry; Fluorescence quenching; Fluorescence intensity at time zero 264(1992)125

Stripping voltam.; Cupferron; Uranium-cupferron complex; Adsorptive accumulation, Selective determination, Trace 264 (1992)205

Flow injection; Ion exchange; Sample prep.; UV-VIS; Preconcentration; Thorium; Waters; Dowex 50-X8 264(1992)291

Chromatography; Acidic media; Separation, Preconcentration, Extraction 266(1992)25

Uranium-cupferron complex

Stripping voltam.; Cupferron; Uranium; Adsorptive accumulation, Selective determination, Trace 264(1992)205

Uranium dioxide

Polarography; Stoichiometry; Differential-pulse, Oxygen-touranium ratio 264(1992)149

Uranyl

Acetic acid; Anomalous thermal lens; Photodecarboxylation 262(1992)231

Uranyl ions

Liquid chrom.; Sample prep.; Micelles; Ultrafiltration; Waters; Hydrophilic membranes, Surfactants 264(1992)303

Urine

Flow injection; Spectrophotometry; Biological samples; Proteins; Coomassie Brilliant Blue, Double-plunge pump, Titanium reaction tube 261(1992)67

At. abs. spectrometry; Flow injection; Mercury; Microwave digestion; Sample preparation; Waters; Cold vapour, On-line 261(1992)91

Flow injection; Potentiometry; Ion sel. electrodes; Chloride; Copper; Sea water; Thiocyanate; Waters; Membrane-coated carbon rod 261(1992)399

Fluorimetry; Ascorbic acid; Foods; Landolt reaction; Serum; C₈BNC₆N amphiphile, Iodine quenching, Vesicular system 262(1992)79

Chemiluminescence; Liquid chrom.; Orotate; Lanthanide ion sensitization 262(1992)201

Chemiluminescence; Enzymatic meth.; Flow injection; UV-VIS; Enzymatic hydrolysis; Nitrophenyl glucuronide; Glucuronidase, Immobilized biocatalysts 264(1992)275

Electron spin res.; Diquat; Herbicides; Pesticides; Soils; Waters 268(1992)217

Liquid chrom.; UV-VIS; Doping; Ethacrynic acid; Extraction; Pharmaceuticals; Solid-phase 270(1992)39

UV irradiation

Chemiluminescence; Electron spin res.; Flow injection; Imipramine; Free radicals 261(1992)39

V

Vanadium

Catalytic meth.; Flow injection; Kinetic analysis; Catalytic reactions; Chromium; Cobalt; Copper; Iron; Manganese; Molybdenum; Selenium; Trace elements; Waters 261(1992)167

Catalytic meth.; Flow injection; Spectrophotometry; Sea water; Waters; Catalytic reaction, Continuous flow, Bindschedler's green leuco base 261(1992)189

Vapours

Piezoelectric sensors; Gases; Organophosphorus compounds 264(1992)43

Variable-volume piston burette

Flow injection; Titrimetry 269(1992)29

Viscosity

Flow injection 261(1992)435

Vitamins

Fluorimetry; Flow injection; Serum; B₆ vitamers, Derivative synchronous, Multi-determination, Pyridoxal, Pyridoxal-5-phosphate, Pyridoxic acid 261(1992)269

Volatile compounds

Gas chromatography; Demixing; Extraction; 2-Propanol 264 (1992)311

Volatile organic compounds

Mass spectrometry; Glow discharge: Microporous membrane introduction; Aqueous solution 266(1992)1



Waters

At. abs. spectrometry; Flow injection; Mercury; Microwave digestion; Sample preparation; Urine; Cold vapour, On-line 261(1992)91

At. abs. spectrometry; Flow injection; Arsenic; Aluminium column, Arsine generation, Cold trapping 261(1991)105

Catalytic meth.; Flow injection; Kinetic analysis; Catalytic reactions; Chromium; Cobalt; Copper; Iron; Manganese; Molybdenum; Selenium; Trace elements; Vanadium 261 (1992)167

Catalytic meth.; Flow injection; Spectrophotometry; Manganese; Catalysis of oxidative coupling, *N*,*N*-Dimethyl-*p*-phenylenediamine, Hydrogen peroxide, *m*-Phenylenediamine 261(1992)183

Catalytic meth.; Flow injection; Spectrophotometry; Sea water; Vanadium; Catalytic reaction, Continuous flow, Bindschedler's green leuco base 261(1992)189

Flow injection; Spectrophotometry; Chromium; Sandwich techniques; Leather plant effluent 261(1992)219

Flow injection; Spectrophotometry; Crown ethers; Potassium; Precipitation, Tetraphenylborate 261(1992)225

Flow injection; Spectrophotometry; Sulphate; Barium chloranilate-cellulose reaction column 261(1992)241

Flow injection; Spectrophotometry; Cyanide; Kinetics, Pyridine-barbituric acid reaction 261(1992)247

Flow injection; Spectrophotometry; Phenols; 4-Aminoantipyrine, 3-Methyl-2-benzothiazoline hydrazone 261(1992)253

Flow injection; Spectrophotometry; Carbon; Dissolved organic carbon; UV photo-oxidation 261(1992)287

Flow injection; Spectrophotometry; Chemical oxygen demand; Microwave oven 261(1992)295

Flow injection; Spectrophotometry; Chemical oxygen demand; Potassium permanganate, Segmented flow 261(1992)301

Flow injection; UV-VIS; Sea water 261(1992)307

Flow injection; Mass spectrometry; Plasmas; Preconcentration; Rhenium; Sea water; Anion-exchange microcolumn, Inductively coupled, On-line 261(1992)315

Flow injection; Anod. stripping voltammetry; Cadmium; Copper; Lead; Preconcentration; Speciation; Trace metals; Zinc; Differential-pulse, Filtration 261(1992)323

Fluorimetry; Flow injection; Trihalomethanes 261(1992)335

Flow injection; Spectrophotometry; Ammonia; Preconcentration; Cation-exchange column 261(1991)339

Flow injection; Spectrophotometry; Ammonium; Fish farming; Sea water 261(1992)345

Amperometry; Flow injection; Nitrate; Nitrite; Copperized cadmium reductor column 261(1992)391

Flow injection; Potentiometry; Ion sel. electrodes; Chloride; Copper; Sea water; Thiocyanate; Urine; Membrane-coated carbon rod 261(1992)399

Flow injection; Ion sel. electrodes; Potentiometry; Lead; Phosphate; Interferences 261(1992)411

Flow injection; Spectrophotometry; Chloride; Nitrogen; Ammonia-N, Dialysis, Industrial effluents, Gas diffusion 261 (1992)453

Fluorimetry; Flow injection; Spectrophotometry; Extraction; Surfactants; Anionic, Dyes, On-tube detection 261(1992)471

At. abs. spectrometry; Flow injection; Cadmium; Copper; Lead; Nickel; Preconcentration; Sea water; Graphite furnace, On-line sorbent extraction, Time- and volume-based sampling 261(1992)477

Fluorimetry; Flow injection; Flow system; Aluminium; Buffers, Eriochrome Red B, Room temperature 262(1992)91

Catalytic meth.; Stripping voltam.; Chromium; Sea water 262 (1992)103

At. emission spectrom.; Gas chromatography; Lead; Microwave-induced plasma; Plasmas; Speciation; Grignard derivatization, Organolead 262(1992)285

Gas chromatography; Mass spectrometry; Butyltin compounds; Ion-trap detection; Sea water; Space-charging effect 262(1992)307

At. abs. spectrometry; I.r. spectrometry; Polyacrylamides; Reineckate; Precipitation 263(1992)119

At. abs. spectrometry; Sample prep.; Poly(aminophosphonic acid) resin; Preconcentration; Trace metals; Chelation 264 (1992)53

UV-VIS; Copper; Extraction; Oximes; Sea water; Cellulose triacetate powder 264(1992)59

Gas chromatography; Butyltin compounds; Mussels; Organotin compounds; Phenyltin compounds; Sea water; Sediments; Simultaneous determination 264(1992)91

Fluorimetry; Brines; Uranium; Activated silica gel column separation 264(1992)115

Stripping voltam.; Complexation; Copper; Ligand competition; Sea water; Speciation; Anodic stripping, Labile metal fraction 264(1992)153

Ion exchange; Voltammetry; Lead; Preconcentration; Solidstate cell; High-resistive media, Nafion membrane, Polymercoated electrode 264(1992)221

Fluorimetry; Liquid chrom.; Micellar media; Polynuclear aromatic hydrocarbons; Preconcentration; Sep-Pak C₁₈ cartridge 264(1992)241

Stripping voltam.; Alkyllead compounds; Extraction; Sea water; Differential-pulse anodic stripping, Hexane extraction, Nitric acid re-extraction 264(1992)249

Gas chromatography; Sample prep.; Distillation; Fatty acids; Landfill leachates 264(1992)259

Flow injection; Ion exchange; Sample prep.; UV-VIS; Preconcentration; Thorium; Uranium; Dowex 50-X8 264(1992)291

Liquid chrom.; Sample prep.; Micelles; Ultrafiltration; Uranyl ions; Hydrophilic membranes, Surfactants 264(1992)303

Catalytic meth.; Flow injection; Fluorimetry; Kinetic meth.; Foods; Meat; Nitrate; Nitrite; Bromate, Phenosafranine oxidation, Stopped-flow 265(1992)103

Ion exchange; Polarography; Chelex-100; Chlorine; Chlorite; Interference 265(1992)117

Flow injection; UV-VIS; Pesticides; Propoxur; p-Aminophenol hydrolysis 266(1992)119

Gas chromatography; GC-MS; Sample prep.; Dalapon; Herbicides; Tetrapion; Propionic acid herbicides, Trifluoroanilide derivatives 267(1992)25

At. abs. spectrometry; Sample prep.; Cadmium; Copper; Preconcentration; Sea water; Solid-phase extraction; Ammonium tetramethylenedithiocarbamate, Graphite furnace, Silica gel C 18 267(1992)31

Ion exchange; Humic acids; Fulvic acids; Metal ion binding; Ultrafiltration; Zinc; Heterogeneity 267(1992)39

Gel perm. chromatogr.; Equilibrium dialysis; Fulvic acids; Humic acids; Soils; Fractionation, Solubility 267(1992)47

Ion chromatogr.; Beverages; Inorganic cations; Micellar bile salt coated column; Wine 267(1992)141

Voltammetry; Sulphide; Sulphur; Electrolyte solutions 267 (1992)157

Liquid chrom.; Sample prep.; Pesticides; Polar pollutants; Automated sample clean-up, Cartridge exchange system, Diode-array detection 268(1992)55

Sample prep.; X-ray fluores. spectrometry; Coprecipitation; Preconcentration; Trace metals; Aluminium hydroxide 268 (1992)177

Liquid chrom.; Methyl isothiocyanate; Pesticides; Coupled columns 268(1992)205

Electron spin res.; Diquat; Herbicides; Pesticides; Soils; Urine 268(1992)217

Flow system; Ion exchange; UV-VIS; Absorptiometry; Copper; 4,7-Diphenyl-2,9-dimethyl-1,10-phenanthroline disulphonate, Karst groundwater storm runoff 268(1992)225

At. abs. spectrometry; Flow injection; Ion chromatogr.; Aluminium determination; Cation exchange; Beverages, Flame 269(1992)1

Amperometry; Flow injection; Magnesium; Serum; Eriochrome Black T complex 269(1992)41

Solid state reference electrode; In situ measurements, Pressure insensitive electrode, Lake water 269(1992)49

Sensors; Ammonia; pH; Immobilized pH indicator, Opticalchemical sensor 269(1992)83

At. fluor. spectrometry; Laser excitation; Lead; Direct determination, Great Lakes 269(1992)129

Thermometric meth.; Alumina; Porosity 269(1992)157

Gel perm. chromatogr.; Liquid chrom.; UV-VIS; Fermentation; Sulphite liquor; Wood; Diode array 270(1992)63

UV-VIS; Continuous monitoring, Diode array 270(1992)187

Flow injection; UV-VIS; Chloride; Silver chloranilate 270 (1992)217

Wavelength selection

Optim. meth.; Calibration; Dynamic control; Genetic algorithms; Ideal genetic algorithm 268(1992)123

Wavelet transform

Flow injection; Signal proc. meth.; Peak intensities 267(1992)73

Weighting procedures

Data set analysis; Experimental design; Resolution significance; Multicomponent determination 266(1992)133

Wheat

Biosensors; Enzymatic meth.; Enzyme electrodes; Lysine; Oxygen sensor 270(1992)131

Wines

Chemiluminescence; Flow system; Sulphite; Gas diffusion, Luminol, Suppression 266(1992)317

Chemiluminescence; Enzymatic meth.; Flow injection; Ethanol; Fibre-optic sensor; Hydrogen peroxide, Luminol 266 (1992)325

Ion chromatogr.; Beverages; Inorganic cations; Micellar bile salt coated column; Waters 267(1992)141

Flow injection; UV-VIS; Polyphenol index; Folin-Ciocaltau reagent 269(1992)21

Wood

Gel perm. chromatogr.; Liquid chrom.; UV-VIS; Fermentation; Sulphite liquor; Waters; Diode array 270(1992)63

X

Xanthines

Liquid chrom.; H-point standard addition method; Paraxanthine; Theophylline 268(1992)73

Xylene

Flow injection; I.r. spectrometry; Fourier transform 261 (1992)53



Yttrium

At. emission spectrom.; Induct. coupled plasma spectrom.; Sample prep.; Lanthanides; Ores; Rare earth elements; Interferences, Monazite 264(1992)333

\mathbf{Z}

Zinc

At. abs. spectrometry; Flow injection; Detection limits; Signal processing; Flame, Repetitive sample introduction 261(1992) 115

Flow injection; Anod. stripping voltammetry; Cadmium; Copper; Lead; Preconcentration; Speciation; Trace metals; Waters; Differential-pulse, Filtration 261(1992)323

Flow injection; Spectrophotometry; Titrimetry; Chelatometry; Flexible fused-silica capillary tubing 261(1992)505

Stripping voltam.; Titrimetry; Metal-polyacid complexes; Protolytic control; Polymethacrylic acid 264(1992)163

Ion exchange; Humic acids; Fulvic acids; Metal ion binding; Ultrafiltration; Waters; Heterogeneity 267(1992)39

Polarography; Voltammetry; Cadmium; Copper; Expert system; Indium; Lead; Trace metals; KES 268(1992)95

Zirconium electrode

Chemiluminescence; Electroluminescence; Glucose; Terbium; Hydrogen peroxide, Oxide layer 266(1992)51

Zone penetration dilution

At. abs. spectrometry; Flow injection; Preconcentration; Sorbent extraction; Flame, Sinusoidal syringe pump 269(1992)9

TECHNIQUE INDEX VOLUMES 261-270





Acoustic methods

Flow injection; Piezoelectric sensors; Acoustic wave sensor; Quartz crystal, Thickness shear mode 269(1992)167

Fluorimetry; Iodine; Lasers; Nitrogen oxides; Nuclear fuel reprocessing off-gas 270(1992)181

Activation analysis

Boron; Charged particles; Titanium 262(1992)193

Amperometry

Flow injection; Immunoassay; Enzymatic meth.; Enzyme-linked immunosorbent assay; Immunoglobulin E; Mathematical model, Platinum wire electrode 261(1992)45

Enzymatic meth.; Flow injection; Foods; Glutamate; L-Glutamate oxidase, Hydrogen peroxide 261(1992)155

Enzymatic meth.; Flow injection; Enzyme reactor; Hypoxanthine; Meat freshness; Polyamines; Peroxidase electrode, Putrescine oxidase, Xanthine oxidase 261(1992)161

Flow injection; Nitrate; Nitrite; Waters; Copperized cadmium reductor column 261(1992)391

At. abs. spectrometry; Flow injection; UV-VIS; Digital filter; Signal processing 261(1992)521

Biosensors; Enzymatic meth.; Ink-jet printing; Enzyme electrodes; Printed enzyme electrodes; Tetrathiafulvalene mediator 262(1992)13

Biosensors; Chitin; Enzyme electrode; Glucose; Oxygen electrode, Squid pen β -type crystalline chitin 262(1992)19

Chemiluminescence; Electrochemical oxidation; Electrochemiluminescence; Lipid hydroperoxides; Serum; Glassy carbon electrode, Luminol, Platinum electrode 262(1992)217

Dichloramine; Polymer-modified electrodes; Polypyrrole 263 (1992)71

Biosensors; Enzymatic meth.; Diglycerides; Enzyme electrodes; Glycerol; Glycerol-3-phosphate; Serum; Triglycerides; Nylon membrane 263(1992)85

Biosensors; Enzymatic meth.; Flow injection; Enzyme electrodes; Fish; Polyamines; Putrescine; Hydrogen peroxide 263 (1992)93

Biosensors; Enzymatic meth.; Glucose; Microelectrodes; Mediators; Cylindrical microelectrode, Immobilized glucose oxidase 263(1992)101

Biosensors; Enzymatic meth.; Blood; Glucose; Serum; Needle-type, Platinum electrode 265(1992)5

Enzymatic meth.; Enzyme electrode; Pyruvate; Carbon paste electrode, Entrapped pyruvate oxidase, Methylene green mediator 265(1992)15

Stripping voltam.; Voltammetry; Carbon fibre ultramicroelectrode array; Dihydroxy phenylalanine; DOPA; Pharmaceuticals; Nafion coating 265(1992)27

Flow injection; Chloride; Liquid/liquid interface; Nitrate; Cellulose membrane, Water/nitrobenzene interface 268 (1992)285

Flow injection; Magnesium; Serum; Waters; Eriochrome Black T complex 269(1992)41

Cyclic voltammetry; Graphite electrodes; Surfactants; NADH, Phenoxazine 269(1992)59

Biosensors; Sensors; Enzyme electrodes; Poly(vinyl chloride); Hydrogen peroxide, Permselective barrier membrane 269 (1992)65

Biosensors; Carbamate pesticides; Organophosphorus pesticides; Pesticides; Chemically modified electrodes, Cobalt phthalocyanine, Disposable strip, Immobilized cholinesterase 269(1992)281

Flow injection; Liquid chrom.; Carbohydrates; Chemically modified electrodes; Cobalt-based electrodes; Glassy carbon 270(1992)161

Anodic stripping voltammetry

Flow injection; Cadmium; Copper; Lead; Preconcentration; Speciation; Trace metals; Waters; Zinc; Differential-pulse, Filtration 261(1992)323

Indium; Lead; Surfactant suppressants 262(1992)117

Atomic absorption spectrometry

Flow injection; Calcium; Copper; Closed-loop manifolds 261 (1992)75

Flow injection; Mercury; Microwave digestion; Sample preparation; Urine; Waters; Cold vapour, On-line 261(1992)91

Flow injection; Arsenic; Waters; Aluminium column, Arsine generation, Cold trapping 261(1991)105

Flow injection; Detection limits; Signal processing; Zinc; Flame, Repetitive sample introduction 261(1992)115

Flow injection; Cadmium; Copper; Lead; Nickel; Preconcentration; Sea water; Waters; Graphite furnace, On-line sorbent extraction, Time- and volume-based sampling 261(1992)477

Amperometry; Flow injection; UV-VIS; Digital filter; Signal processing 261(1992)521

Aluminium monofluoride; Bone; Fluoride; Molecular absorption spectrometry; Calcium phosphate, Formic acid 262(1992)

Nebulization; Droplet-size distribution, Hydraulic high-pressure and pneumatic nebulization, Flame, Matrix effects 262 (1992)261

Reflectance spectrometry; Gold films; Thin metal films 262 (1992)269

Hydride generation; Interferences; Hydride-forming element cross-interferences, Oxygen, Quartz-tube atomizer 263(1992) 111

I.r. spectrometry; Polyacrylamides; Reineckate; Waters; Precipitation 263(1992)119

Sample prep.; Poly(aminophosphonic acid) resin; Preconcentration; Trace metals; Waters; Chelation 264(1992)53

Sample prep.; Biological samples; Microwave digestion; Trace metals; Acid digestion, Double PTFE vessel 264(1992)101

Copper; Cyanide; Gold; Iron; Sodium 264(1992)107

Gold; Preconcentration; Supported liquid membranes 265 (1992)71

Flow injection; Isoniazid; Pharmaceuticals; Manganese dioxide oxidation, Polyester resin beads, Reagent entrapment 265(1992)81

Graphite furnace; Thallium; Meteorites, Rocks 266(1992)127

Sample prep.; Cadmium; Copper; Preconcentration; Sea water; Solid-phase extraction; Waters; Ammonium tetramethylenedithiocarbamate, Graphite furnace, Silica gel C₁₈ 267 (1992)31

Biological samples; Molybdenum tube atomizer; Silver; Ammonium thiocyanate chemical modifier 267(1992)131

Antimony; Arsenic; Hydride generation; Multivariate analysis; Selenium; Interferences, Multiple linear regression 268(1992) 115

Arginine; Preconcentration; Graphite furnace, Nafion-modified tungsten coil 268(1992)159

Arsenic; Hydride generation; Microwave digestion; Selenium; Electrical heating system 268(1992)315

Flow injection; Ion chromatogr.; Aluminium determination; Cation exchange; Waters; Beverages, Flame 269(1992)1

Flow injection; Preconcentration; Sorbent extraction; Zone penetration dilution; Flame, Sinusoidal syringe pump 269 (1992)9

Sample prep.; Chromium; Copper; Manganese; Preconcentration; Sea water; Chelex-100, Lewatit TP 207 270(1992)79

Cryptands; Erythrosin; Extraction; Liquid-liquid extraction; Thallium 270(1992)87

Flow injection; Fibre column; Gold; Metallurgical samples; Ores; 8531 fibre 270(1992)205

Induct. coupled plasma spectrom.; Boron; Tissue samples 270(1992)223

Flow injection; Arsenic; Hydride generation; Selenium; Environmental samples 270(1992)231

Atomic emission spectrometry

Liquid chrom.; Lanthanum; Neodymium; Plasmas; Rare earth elements; Terbium; 2-Ethylhexyl hydrogen-2-ethylhexyl phosphonate, Hydroxypolyacrylate resin, PC-88A 262(1992)161

Gas chromatography; Lead; Microwave-induced plasma; Plasmas; Speciation; Waters; Grignard derivatization, Organolead 262(1992)285

Air; Filters; Particulate matter; Plasmas; Inductively coupled, Leaching 262(1992)299 Microsample introduction; Plasmas; Tungsten filament electrode; Capacitively coupled microwave plasma 264(1992)319

Microsample introduction; Plasmas; Tungsten filament electrode; Capacitively coupled microwave plasma 264(1992)327

Induct. coupled plasma spectrom.; Sample prep.; Lanthanides; Ores; Rare earth elements; Yttrium; Interferences, Monazite 264(1992)333

Gas chromatography; Birds; Chloro compounds; Pesticides; Sulphur compounds; Universal calibration 265(1992)87

Optim. meth.; Alumina powder; Data analysis; Genetic algorithms; Multicriteria target vectors, Simulations 265(1992)211

Induct. coupled plasma spectrom.; Sample prep.; Chelating resins; Gold; Iridium; Palladium; Platinum; Preconcentration; Poly(vinylthiopropionamide) resin, Trace enrichment 268 (1992)323

Plasmas; Laser induced, Liquid aerosols 269(1992)123

Atomic fluorescence spectrometry

Laser excitation; Lead; Waters; Direct determination, Great Lakes 269(1992)129

B

Bioluminescence

Biosensors; Enzymatic meth.; Flow injection; Dehydrogenase activity; Fibre-optic sensor; Lactate dehydrogenase; Luciferase-oxidoreductase 266(1992)331

Flow injection; ATP; Bacterial ATP 266(1992)339

Biosensors

Flow system; 5-Hydroxytryptamine; Neuronal sensing; Serotonin 262(1992)1

Amperometry; Enzymatic meth.; Ink-jet printing; Enzyme electrodes; Printed enzyme electrodes; Tetrathiafulvalene mediator 262(1992)13

Amperometry; Chitin; Enzyme electrode; Glucose; Oxygen electrode, Squid pen β -type crystalline chitin 262(1992)19

Fibre-optic immunoprobes; Fluoropolymers; Immunoprobes 262(1992)323

Amperometry; Enzymatic meth.; Diglycerides; Enzyme electrodes; Glycerol; Glycerol-3-phosphate; Serum; Triglycerides; Nylon membrane 263(1992)85

Amperometry; Enzymatic meth.; Flow injection; Enzyme electrodes; Fish; Polyamines; Putrescine; Hydrogen peroxide 263 (1992)93

Amperometry; Enzymatic meth.; Glucose; Microelectrodes; Mediators; Cylindrical microelectrode, Immobilized glucose oxidase 263(1992)101

Enzymatic meth.; Hydrogen peroxide; Phenols; Tissue bioelectrode 264(1992)7 3-Acetyl pyridine; Neurotoxins 264(1992)189

Amperometry; Enzymatic meth.; Blood; Glucose; Serum; Needle-type, Platinum electrode 265(1992)5

Bioluminescence; Enzymatic meth.; Flow injection; Dehydrogenase activity; Fibre-optic sensor; Lactate dehydrogenase; Luciferase-oxidoreductase 266(1992)331

Enzymatic meth.; Acetylcholine; Acetylcholinesterase, Choline oxidase, Hydrogen peroxide, Membrane entrapment 268 (1992)347

Amperometry; Sensors; Enzyme electrodes; Poly(vinyl chloride); Hydrogen peroxide, Permselective barrier membrane 269(1992)65

Amperometry; Carbamate pesticides; Organophosphorus pesticides; Pesticides; Chemically modified electrodes, Cobalt phthalocyanine, Disposable strip, Immobilized cholinesterase 269(1992)281

Enzymatic meth.; Enzyme electrodes; Lysine; Wheat; Oxygen sensor 270(1992)131

C

Catalytic methods

Flow injection; Kinetic analysis; Catalytic reactions; Chromium; Cobalt; Copper; Iron; Manganese; Molybdenum; Selenium; Trace elements; Vanadium; Waters 261(1992)167

Flow injection; Spectrophotometry; Manganese; Waters; Catalysis of oxidative coupling, N,N-Dimethyl-p-phenylene-diamine, Hydrogen peroxide, m-Phenylenediamine 261(1992) 183

Flow injection; Spectrophotometry; Sea water; Vanadium; Waters; Catalytic reaction, Continuous flow, Bindschedler's green leuco base 261(1992)189

Stripping voltam.; Chromium; Sea water; Waters 262(1992)103

Cyclic voltammetry; Ascorbic acid; Chemically modified electrodes; Pharmaceuticals; Electrocatalytic oxidation, Poly(1-naphthylamine) film, Transition metal ions 262(1992)331

Flow injection; Fluorimetry; Kinetic meth.; Foods; Meat; Nitrate; Nitrite; Waters; Bromate, Phenosafranine oxidation, Stopped-flow 265(1992)103

Kinetic meth.; UV-VIS; Lead; Micellar medium; Dodecyltrimethylammonium micelles, Pyrogallol Red 266(1992)43

Chemiluminescence

Electron spin res.; Flow injection; Imipramine; UV irradiation; Free radicals 261(1992)39

Kinetic analysis; Optical sensor; Oxygen; Platinum complex; Polymer film; Quenching, Stern-Volmer equation 262(1992)27

Cyclic voltammetry; Hydrogen peroxide; Luminol; Carbon electrode 262(1992)49

Cyclic voltammetry; Lipid hydroperoxides; Luminol; Methyl linoleate hydroperoxide 262(1992)59

Liquid chrom.; Orotate; Urine; Lanthanide ion sensitization 262(1992)201

Amperometry; Electrochemical oxidation; Electrochemiluminescence; Lipid hydroperoxides; Serum; Glassy carbon electrode, Luminol, Platinum electrode 262(1992)217

Gold; Ores; Foamed plastic, Solid surface 262(1992)225

Flow system; Chemiluminescence; Flow system; Coimmobilized, Creatinase, Creatininase, Sarcosine oxidase 262(1992) 315

Enzymatic meth.; Flow injection; UV-VIS; Enzymatic hydrolysis; Nitrophenyl glucuronide; Urine; Glucuronidase, Immobilized biocatalysts 264(1992)275

Electroluminescence; Glucose; Terbium; Zirconium electrode; Hydrogen peroxide, Oxide layer 266(1992)51

Review; Analytical applications, Liquid phase 266(1992)147

Liquid chrom.; Peroxyoxalate chemiluminescence 266(1992) 175

Enzymatic meth.; Immunoassay; Camera luminometer; Ferritin; Serum ferritin 266(1992)193

Immunoassay; Acridinium salts; Hepatitis B antigen; Luminometer; Detection, Immunochemiluminometric assay 266 (1992)201

Immunoassay; Electroluminescence immunoassay; Phospholipase A₂; Aluminium electrode, Heterogeneous and homogeneous assays, Terbium complex of 2,6-bis[N,N-bis(carboxymethyl)aminomethyl]-4-benzoylphenol 266(1992)205

Enzymatic meth.; Immunoassay; β -D-Galactosidase; 17α -Hydroxyprogesterone; Thyroxine 266(1992)213

I.r. spectrometry; DNPO; Hydrogen peroxide; Rubrene; CO₂ yield, Quantum yield 266(1992)219

Flow system; Liquid chrom.; Dipyridamole; Noise reduction; Phthalate esters; Di-2-ethylhexyl phthalate, Peroxyoxalate 266(1992)225

Copper; Metal ions; Peroxyoxalate chemiluminescence; Imidazole catalyst 266(1992)233

Fluorimetry; Liquid chrom.; Amines; Luminarin 1; Precolumn derivatization 266(1992)243

Liquid chrom.; Sample prep.; Air; Emission particulates; Engine emissions; Nitropyrenes; Diesel and gasoline engines, Reduction to aminopyrenes 266(1992)251

Liquid chrom.; Carboxylic acids; Engine oils; Oxidised 266 (1992)257

Antioxidant capacity; Biological fluids 266(1992)265

Flow injection; Immobilized reagents; Luminol; Flowing streams, Hydrogen peroxide determination 266(1992)279

Liquid chrom.; Luminol; Plasma; Phosphoglyceride hydroperoxides; Rat plasma 266(1992)287 Liquid chrom.; Indirect detection; Electrogenerated, Hydrogen peroxide, Luminol 266(1992)295

Fluorimetry; Penicillins; Luminol-iodine reaction, Stoppedflow 266(1992)301

Flow system; Enzyme reactor; Ethanol; Hydrogen peroxide; Immobilized horseradish peroxidase flow cell, Luminoliodophenol reaction 266(1992)309

Flow system; Sulphite; Wine; Gas diffusion, Luminol, Suppression 266(1992)317

Enzymatic meth.; Flow injection; Ethanol; Fibre-optic sensor; Wines; Hydrogen peroxide, Luminol 266(1992)325

Flow injection; Copper; Sea water 266(1992)345

Air; Chlorine; Hydrogen chloride; Hydrogen peroxide 266 (1992)353

Flow injection; Fluorimetry; Amino acids; Reversed micelles; Schiff bases; Aerosol OT surfactant, Phenylacetaldehyde 266 (1992)359

Bilirubin; Peroxyoxalate reaction; Light emission 269(1992)99

Flow injection; Liquid chrom.; Amino acids; Metalloporphyrins; Mimetic peroxidase 269(1992)109

Enzymatic meth.; Flow injection; Glucose; Serum; Immobilized pyranose oxidase reactor 269(1992)187

Chromatography

see also Gas chromatography, Gas chromatography-mass spectrometry, Gel permeation chromatography, Ion chromatography, Liquid chromatography, Supercritical fluid chromatography

Fluorimetry; Butan-2,3-dione; 1,2-Diamino-4,5-dimethoxy-benzene; 6,7-Diamino-2-methylquinoxaline; 6,7-Dimethoxy-2,3-dimethylquinoxaline; Methylglyoxal 263(1992)137

Fluorimetry; 8-Quinolinol-5-sulphonic acid; Trace metals; Non-selective, Post-column 264(1992)297

Acidic media; Uranium; Separation, Preconcentration, Extraction 266(1992)25

β-Blocking agents; Cellulase; Chiral selectors; Chiral stationary phase; Enantioselectivity; Ovomucoid 270(1992)1

Conductimetry and oscillometry

Aspirin; Pharmaceuticals; Piezoelectric sensor; Quartz crystal; Salicylic acid; Frequency shift, *p*-matrix calibration 263(1992)

Potentiometry; Titrimetry; Acids; Dissociation constants; Standardization; Tetrahydrofuran; Glass electrodes, Tetrabutylammonium salts 264(1992)229

Potentiometry; Titrimetry; Acid strength; Benzoic acids; Dissociation constants; Tetrahydrofuran; Tetrabutylammonium salts 265(1992)157

Flow injection; Air; Preconcentration; Sulphur dioxide 269 (1992)177

Coulometry

Potentiometry; Titrimetry; Hydrogen ions; Organic bases; Anodic oxidation, Depolarizers 265(1992)35

Cyclic voltammetry

Chemiluminescence; Hydrogen peroxide; Luminol; Carbon electrode 262(1992)49

Chemiluminescence; Lipid hydroperoxides; Luminol; Methyl linoleate hydroperoxide 262(1992)59

Catalytic meth.; Ascorbic acid; Chemically modified electrodes; Pharmaceuticals; Electrocatalytic oxidation, Poly(1-naphthylamine) film, Transition metal ions 262(1992)331

Amperometry; Graphite electrodes; Surfactants; NADH, Phenoxazine 269(1992)59

D

Differential pulse voltammetry

Polarography; Voltammetry; Bilirubin 268(1992)185

E

Electron probe analysis

X-ray fluores. spectrometry; Cluster analysis; Hierarchical cluster techniques; Kappa statistics; Minerals; Ward's method 267(1992)81

Electron spin resonance spectrometry

Chemiluminescence; Flow injection; Imipramine; UV irradiation; Free radicals 261(1992)39

Diquat; Herbicides; Pesticides; Soils; Waters; Urine 268 (1992)217

UV-VIS; Protein denaturation; Stopped-flow apparatus; Adjustable pistons, Vertical design 269(1992)143

Electrophoresis

N.m.r. spectrometry; Alanine β -naphthylamide; Chiral recognition; Cyclodextrins; Enantiomeric separation; Inclusion complexes 268(1992)39

Enzymatic methods

Amperometry; Flow injection; Immunoassay; Enzyme-linked immunosorbent assay; Immunoglobulin E; Mathematical model, Platinum wire electrode 261(1992)45

Flow injection; Enzyme reactor; Fermentation media; Glucose; Lactate; Nylon tube 261(1992)145

Amperometry; Flow injection; Foods; Glutamate; L-Glutamate oxidase, H, drogen peroxide 261(1992)155

Amperometry; Flow injection; Enzyme reactor; Hypoxanthine; Meat freshness; Polyamines; Peroxidase electrode, Putrescine oxidase, Xanthine oxidase 261(1992)161

Fluorimetry; Flow injection; Diamine oxidase; Enzyme inhibition; Enzyme reactor; Fish; Histamine; Scombroid poisoning 261(1992)351

Amperometry; Biosensors; Ink-jet printing; Enzyme electrodes; Printed enzyme electrodes; Tetrathiafulvalene mediator 262(1992)13

Amperometry; Biosensors; Diglycerides; Enzyme electrodes; Glycerol; Glycerol-3-phosphate; Serum; Triglycerides; Nylon membrane 263(1992)85

Amperometry; Biosensors; Flow injection; Enzyme electrodes; Fish; Polyamines; Putrescine; Hydrogen peroxide 263(1992)93

Amperometry; Biosensors; Glucose; Microelectrodes; Mediators; Cylindrical microelectrode, Immobilized glucose oxidase 263(1992)101

Biosensors; Hydrogen peroxide; Phenols; Tissue bioelectrode 264(1992)7

Flow injection; Potentiometry; Enzyme electrodes; Fermentation; Penicillin; Penicillinase electrode 264(1992)13

Chemiluminescence; Flow injection; UV-VIS; Enzymatic hydrolysis; Nitrophenyl glucuronide; Urine; Glucuronidase, Immobilized biocatalysts 264(1992)275

Fluorimetry; Carcinoembryonic antigen; Enzyme-linked immunosorbent assay; Horseradish peroxidase, o-Phenylenediamine 264(1992)359

Potentiometry; Blood; Phosphate; Serum; Alkaline phosphatase, o-Carboxyphenyl phosphate, Salicylate-sensitive membrane electrode 265(1992)1

Amperometry; Biosensors; Blood; Glucose; Serum; Needletype, Platinum electrode 265(1992)5

Amperometry; Enzyme electrode; Pyruvate; Carbon paste electrode, Entrapped pyruvate oxidase, Methylene green mediator 265(1992)15

Chemiluminescence; Immunoassay; Camera luminometer; Ferritin; Serum ferritin 266(1992)193

Chemiluminescence; Immunoassay; β -D-Galactosidase; 17α -Hydroxyprogesterone; Thyroxine 266(1992)213

Chemiluminescence; Flow injection; Ethanol; Fibre-optic sensor; Wines; Hydrogen peroxide, Luminol 266(1992)325

Biosensors; Bioluminescence; Flow injection; Dehydrogenase activity; Fibre-optic sensor; Lactate dehydrogenase; Luciferase-oxidoreductase 266(1992)331

Flow injection; Creatinine; Creatinase, Creatininase, Sarcosine oxidase 268(1992)331

Biosensors; Acetylcholine; Acetylcholinesterase, Choline oxidase, Hydrogen peroxide, Membrane entrapment 268(1992) 347

Chemiluminescence; Flow injection; Glucose; Serum; Immobilized pyranose oxidase reactor 269(1992)187

Biosensors; Enzyme electrodes; Lysine; Wheat; Oxygen sensor 270(1992)131

Experimental design

Data set analysis; Resolution significance; Weighting procedures; Multicomponent determination 266(1992)133

Optim. meth.; Process anal.; Aluminium-silica-copper films; Analysis of variance; Integrated circuits; Metallization; Regression analysis; Interfacial properties 267(1992)111

Expert systems

Artificial intelligence; Elemental analysis 270(1992)107

X-ray fluores. spectrometry; Artificial intelligence; Elemental analysis 270(1992)115



Flow injection

Review 261(1992)3

Sequential injection; Stopped flow 261(1992)11

Spectrophotometry; Amino acids; Pyrolysis; Malachite Green, Peroxodisulphate digestion 261(1991)23

Copper; Iron; Magnetic susceptibility; Evans-type balance 261(1991)29

Chemiluminescence; Electron spin res.; Imipramine; UV irradiation; Free radicals 261(1992)39

Amperometry; Immunoassay; Enzymatic meth.; Enzyme-linked immunosorbent assay; Immunoglobulin E; Mathematical model, Platinum wire electrode 261(1992)45

I.r. spectrometry; Xylene; Fourier transform 261(1992)53

Spectrophotometry; Aluminium; Iron; Multi-site detection; Plant materials; Detector relocation 261(1992)59

Spectrophotometry; Biological samples; Proteins; Urine; Coomassie Brilliant Blue, Double-plunge pump, Titanium reaction tube 261(1992)67

At. abs. spectrometry; Calcium; Copper; Closed-loop manifolds 261(1992)75

Spectrophotometry; Copper; Serum; 2-(2-Thiazolylazo)-4-methyl-(sulphomethylamino)benzoic acid 261(1992)87

At. abs. spectrometry; Mercury; Microwave digestion; Sample preparation; Urine; Waters; Cold vapour, On-line 261(1992)91

At. abs. spectrometry; Arsenic; Waters; Aluminium column, Arsine generation, Cold trapping 261(1991)105

At. abs. spectrometry; Detection limits; Signal processing; Zinc; Flame, Repetitive sample introduction 261(1992)115

Hydride generation; Kinetic meth.; Conversion techniques, Immobilized enzymes 261(1992)125

Spectrophotometry; Immobilized enzyme reactors; Sugars; Fructose, Glucose, Sucrose 261(1992)137

Enzymatic meth.; Enzyme reactor; Fermentation media; Glucose; Lactate; Nylon tube 261(1992)145

Amperometry; Enzymatic meth.; Foods; Glutamate; L-Glutamate oxidase, Hydrogen peroxide 261(1992)155

Amperometry; Enzymatic meth.; Enzyme reactor; Hypoxanthine; Meat freshness; Polyamines; Peroxidase electrode, Putrescine oxidase, Xanthine oxidase 261(1992)161

Catalytic meth.; Kinetic analysis; Catalytic reactions; Chromium; Cobalt; Copper; Iron; Manganese; Molybdenum; Selenium; Trace elements; Vanadium; Waters 261(1992)167

Catalytic meth.; Spectrophotometry; Manganese; Waters; Catalysis of oxidative coupling, N,N-Dimethyl-p-phenylenediamine, Hydrogen peroxide, m-Phenylenediamine 261(1992) 183

Catalytic meth.; Spectrophotometry; Sea water; Vanadium; Waters; Catalytic reaction, Continuous flow, Bindschedler's green leuco base 261(1992)189

Spectrophotometry; Copper; Iron; Serum; 2-(5-Bromo-2-pyridylazo)-5-(N-propyl-N-sulphopropylamino)analine 261(1992) 197

Spectrophotometry; Biological samples; Cobalt; 2-(5-Bromo-2-pyridylazo)-(5-*N*-propyl-*N*-sulphopropylamino)aniline, Copper(II) rate-enhancing effect 261(1992)205

Spectrophotometry; Complexing agents; Copper(II)-iron(II) redox reaction, Neocuproine 261(1992)213

Spectrophotometry; Chromium; Sandwich techniques; Waters; Leather plant effluent 261(1992)219

Spectrophotometry; Crown ethers; Potassium; Waters; Precipitation, Tetraphenylborate 261(1992)225

Spectrophotometry; Chlorine 261(1992)233

Spectrophotometry; Sulphate; Waters; Barium chloranilatecellulose reaction column 261(1992)241

Spectrophotometry; Cyanide; Waters; Kinetics, Pyridine-barbituric acid reaction 261(1992)247

Spectrophotometry; Phenols; Waters; 4-Aminoantipyrine, 3-Methyl-2-benzothiazoline hydrazone 261(1992)253

Spectrophotometry; Acetaminophen; Paracetamol; Pharmaceuticals; 2-Iodylbenzoate oxidation 261(1992)261

Fluorimetry; Serum; Vitamins; B₆ vitamers, Derivative synchronous, Multi-determination, Pyridoxal, Pyridoxal-5-phosphate, Pyridoxic acid 261(1992)269

Fluorimetry; Brine; Calcium; 2-[(2-Amino-5-methylphenoxy)methyl]-6-methoxy-8-aminoquinoline-N, N, N', N'-tetraacetic acid, Chlor-alkali process 261(1992)275

Fluorimetry; Cyanide; König reaction; Thiocyanate; pH control 261(1992)281

Spectrophotometry; Carbon; Dissolved organic carbon; Waters; UV photo-oxidation 261(1992)287

Spectrophotometry; Chemical oxygen demand; Microwave oven; Waters 261(1992)295

Spectrophotometry; Chemical oxygen demand; Waters; Potassium permanganate, Segmented flow 261(1992)301

UV-VIS; Sea water; Waters 261(1992)307

Mass spectrometry; Plasmas; Preconcentration; Rhenium; Sea water; Waters; Anion-exchange microcolumn, Inductively coupled, On-line 261(1992)315

Anod. stripping voltammetry; Cadmium; Copper; Lead; Preconcentration; Speciation; Trace metals; Waters; Zinc; Differential-pulse, Filtration 261(1992)323

Fluorimetry; Trihalomethanes; Waters 261(1992)335

Spectrophotometry; Ammonia; Preconcentration; Waters; Cation-exchange column 261(1991)339

Spectrophotometry; Ammonium; Fish farming; Sea water; Waters 261(1992)345

Fluorimetry; Enzymatic meth.; Diamine oxidase; Enzyme inhibition; Enzyme reactor; Fish; Histamine; Scombroid poisoning 261(1992)351

Plant juice carriers; Polyphenols; Banana pulp, Spinach leaf 261(1992)361

Spectrophotometry; Bitterness; Extraction; Olive oil; Solidliquid 261(1992)367

Voltammetry; Ascorbic acid; Fruit juices; Soft drinks; Square-wave 261(1992)375

Ion-selective electrodes; Memory effect; Response time; Sample dispersion; Silverhalides 261(1992)381

Amperometry; Nitrate; Nitrite; Waters; Copperized cadmium reductor column 261(1992)391

Potentiometry; Ion sel. electrodes; Chloride; Copper; Sea water; Thiocyanate; Urine; Waters; Membrane-coated carbon rod 261(1992)399

Potentiometry; Bromate; Chlorite; Dichromate; Hydrogen peroxide; Ozone; Iron(III)-iron(II) buffer, Sensitivity enhancement, Redox reaction 261(1992)405

Ion sel. electrodes; Potentiometry; Lead; Phosphate; Waters; Interferences 261(1992)411

Ion sel. electrodes; Potentiometry; Ion-sensitive field-effect transistors; pH; Nitrate 261(1992)419

Continuous separation; Coupled techniques; Review; Unsegmented flow 261(1992)425

Viscosity 261(1992)435

Spectrophotometry; Extraction; Liquid membranes; Preconcentration; Flow-through supported liquid membrane unit 261(1992)441

Spectrophotometry; Chloride; Nitrogen; Waters; Ammonia-N, Dialysis, Industrial effluents, Gas diffusion 261(1992)453

Potentiometry; Spectrophotometry; Chlorine; Gas diffusion unit; Halogens; Permeation; Coated-wire ion-selective electrode, Permanganate oxidation, PTFE porous membrane 261 (1992)461 Fluorimetry; Spectrophotometry; Extraction; Surfactants; Waters; Anionic, Dyes, On-tube detection 261(1992)471

At. abs. spectrometry; Cadmium; Copper; Lead; Nickel; Preconcentration; Sea water; Waters; Graphite furnace, On-line sorbent extraction, Time- and volume-based sampling 261 (1992)477

Spectrophotometry; Titrimetry; Acids; Acid-base, Unsegmented flow 261(1992)489

Spectrophotometry; Titrimetry; Metal ions; Complexometric, Redox 261(1992)495

Spectrophotometry; Titrimetry; Chelatometry; Zinc; Flexible fused-silica capillary tubing 261(1992)505

Digital filters; Signal processing; Simulation 261(1992)509

At. abs. spectrometry; Amperometry; UV-VIS; Digital filter; Signal processing 261(1992)521

Factorial design; Signal fluctuations 261(1992)533

Dispersion; Double-plunger micropump, Linear cam mechanism 261(1992)539

Peak height prediction; Sample transport 261(1992)549

Chinese flow-injection review; Review 261(1992)557

Fluorimetry; Flow system; Aluminium; Waters; Buffers, Eriochrome Red B, Room temperature 262(1992)91

Spectrophotometry; Fibre-optic sensor; Ores; Palladium; Chromogenic reagents 262(1992)97

Spectrophotometry; Bismuth; Borosilicate glass; Silicon 262 (1992)243

Spectrophotometry; Liquid chromatogr.; UV-VIS; Creatine kinase; Isoenzyme activities 263(1992)43

Amperometry; Biosensors; Enzymatic meth.; Enzyme electrodes; Fish; Polyamines; Putrescine; Hydrogen peroxide 263 (1992)93

Enzymatic meth.; Potentiometry; Enzyme electrodes; Fermentation; Penicillin; Penicillinase electrode 264(1992)13

Flow system; UV-VIS; Calibration; Dilution; Process analysis; Automation, Continuous flow, Open-closed flow system 264 (1992)265

Chemiluminescence; Enzymatic meth.; UV-VIS; Enzymatic hydrolysis; Nitrophenyl glucuronide; Urine; Glucuronidase, Immobilized biocatalysts 264(1992)275

UV-VIS; Cerium arsenite; Pharmaceuticals; Promethazine; Solid-phase reactor; Oxidation 264(1992)283

Ion exchange; Sample prep.; UV-VIS; Preconcentration; Thorium; Uranium; Waters; Dowex 50-X8 264(1992)291

Process anal.; Bioprocess on-line control; Intelligent subsystems 265(1992)63

At. abs. spectrometry; Isoniazid; Pharmaceuticals; Manganese dioxide oxidation, Polyester resin beads, Reagent entrapment 265(1992)81

Catalytic meth.; Fluorimetry; Kinetic meth.; Foods; Meat; Nitrate; Nitrite; Waters; Bromate, Phenosafranine oxidation, Stopped-flow 265(1992)103

Fluorimetry; Europium; Neodymium oxide; Rare earth elements; Samarium; Resin column 266(1992)67

Ammonia; Continuous flow; Micro-distillation; Nitrate; Nitrogen; Determination 266(1992)107

Microdistillation; Nitrogen; Determination, Plant, Soil 266 (1992)113

UV-VIS; Pesticides; Propoxur; Waters; p-Aminophenol hydrolysis 266(1992)119

Chemiluminescence; Immobilized reagents; Luminol; Flowing streams, Hydrogen peroxide determination 266(1992)279

Chemiluminescence; Enzymatic meth.; Ethanol; Fibre-optic sensor; Wines; Hydrogen peroxide, Luminol 266(1992)325

Biosensors; Bioluminescence; Enzymatic meth.; Dehydrogenase activity; Fibre-optic sensor; Lactate dehydrogenase; Luciferase-oxidoreductase 266(1992)331

Bioluminescence; ATP; Bacterial ATP 266(1992)339

Chemiluminescence; Copper; Sea water 266(1992)345

Chemiluminescence; Fluorimetry; Amino acids; Reversed micelles; Schiff bases; Aerosol OT surfactant, Phenylacetaldehyde 266(1992)359

Dispersion; Review; Descriptive models, Predictive models 267(1992)1

Signal proc. meth.; Peak intensities; Wavelet transform 267 (1992)73

Electroosmotic pumping 268(1992)1

Optim. meth.; Dialysis separation; Mathematical modelling; Membrane permeability; Axially dispersed plug flow model, Mass transfer 268(1992)7

UV-VIS; Gradient scanning; pH; Tristimulus colorimetry; Bovine serum albumin 268(1992)29

Amperometry; Chloride; Liquid/liquid interface; Nitrate; Cellulose membrane, Water/nitrobenzene interface 268 (1992)285

Enzymatic meth.; Creatinine; Creatinase, Creatininase, Sarcosine oxidase 268(1992)331

At. abs. spectrometry; Ion chromatogr.; Aluminium determination; Cation exchange; Waters; Beverages, Flame 269(1992)1

At. abs. spectrometry; Preconcentration; Sorbent extraction; Zone penetration dilution; Flame, Sinusoidal syringe pump 269(1992)9

UV-VIS; Polyphenol index; Wines; Folin-Ciocaltau reagent 269(1992)21

Titrimetry; Variable-volume piston burette 269(1992)29

Penicillin; Readout correlation; Penicilloic acid 269(1992)35

Amperometry; Magnesium; Serum; Waters; Eriochrome Black T complex 269(1992)41

Chemiluminescence; Liquid chrom.; Amino acids; Metalloporphyrins; Mimetic peroxidase 269(1992)109

Acoustic meth.; Piezoelectric sensors; Acoustic wave sensor; Quartz crystal, Thickness shear mode 269(1992)167

Conductimetry/oscillometry; Air; Preconcentration; Sulphur dioxide 269(1992)177

Chemiluminescence; Enzymatic meth.; Glucose; Serum; Immobilized pyranose oxidase reactor 269(1992)187

Fluorimetry; Milk; Pharmaceuticals; Sulphonamides; Photochemically induced fluorescence 269(1992)193

UV-VIS; Cardiac glycosides; Pharmaceuticals; Picric acid 269 (1992)199

Amperometry; Liquid chrom.; Carbohydrates; Chemically modified electrodes; Cobalt-based electrodes; Glassy carbon 270(1992)161

At. abs. spectrometry; Fibre column; Gold; Metallurgical samples; Ores; 8531 fibre 270(1992)205

Spectrophotometry; Benzyltributylammonium cations; Cupronickel alloy; Extraction; Liquid-liquid extraction; Manganese 270(1992)213

UV-VIS; Chloride; Silver chloranilate; Waters 270(1992)217

At. abs. spectrometry; Arsenic; Hydride generation; Selenium; Environmental samples 270(1992)231

Flow system

Biosensors; 5-Hydroxytryptamine; Neuronal sensing; Serotonin 262(1992)1

Fluorimetry; Flow injection; Aluminium; Waters; Buffers, Eriochrome Red B, Room temperature 262(1992)91

Chemiluminescence; Chemiluminescence; Flow system; Coimmobilized, Creatinase, Creatininase, Sarcosine oxidase 262 (1992)315

Flow injection; UV-VIS; Calibration; Dilution; Process analysis; Automation, Continuous flow, Open-closed flow system 264(1992)65

Chemiluminescence; Liquid chrom.; Dipyridamole; Noise reduction; Phthalate esters; Di-2-ethylhexyl phthalate, Peroxyoxalate 266(1992)225

Chemiluminescence; Enzyme reactor; Ethanol; Hydrogen peroxide; Immobilized horseradish peroxidase flow cell, Luminol-iodophenol reaction 266(1992)309

Chemiluminescence; Sulphite; Wine; Gas diffusion, Luminol, Suppression 266(1992)317

Ion exchange; UV-VIS; Absorptiometry; Copper; Waters; 4,7-Diphenyl-2,9-dimethyl-1,10-phenanthroline disulphonate, Karst groundwater storm runoff 268(1992)225

Response equations; Unsegmented flow system, Well-stirred mixing chamber 270(1992)195

Fluorimetry

Flow injection; Serum; Vitamins; B_6 vitamers, Derivative synchronous, Multi-determination, Pyridoxal, Pyridoxal-5-phosphate, Pyridoxic acid 261(1992)269

Flow injection; Brine; Calcium; 2-[(2-Amino-5-methylphenoxy)methyl]-6-methoxy-8-aminoquinoline-N,N,N',N'-tetra-acetic acid, Chlor-alkali process 261(1992)275

Flow injection; Cyanide; König reaction; Thiocyanate; pH control 261(1992)281

Flow injection; Trihalomethanes; Waters 261(1992)335

Flow injection; Enzymatic meth.; Diamine oxidase; Enzyme inhibition; Enzyme reactor; Fish; Histamine; Scombroid poisoning 261(1992)351

Flow injection; Spectrophotometry; Extraction; Surfactants; Waters; Anionic, Dyes, On-tube detection 261(1992)471

Soils; Titanium; Acetylpyridine picolinoylhydrazone 262 (1992)41

Ascorbic acid; Foods; Landolt reaction; Serum; Urine; C₈BNC₆N amphiphile, Iodine quenching, Vesicular system 262(1992)79

Flow injection; Flow system; Aluminium; Waters; Buffers, Eriochrome Red B, Room temperature 262(1992)91

Fibre-optic probe 263(1992)131

Chromatography; Butan-2,3-dione; 1,2-Diamino-4,5-dimethoxybenzene; 6,7-Diamino-2-methylquinoxaline; 6,7-Dimethoxy-2,3-dimethylquinoxaline; Methylglyoxal 263(1992)137

Air; Ammonia; Passive dosimeter; Filter-paper, Fluorescamine, Sodium lauryl sulphate 263(1992)175

Brines; Uranium; Waters; Activated silica gel column separation 264(1992)115

Iron; 5-(4-Methylphenylazo)-8-aminoquinoline, Surfactants 264(1992)121

Fluorescence quenching; Uranium; Fluorescence intensity at time zero 264(1992)125

Liquid chrom.; Micellar media; Polynuclear aromatic hydrocarbons; Preconcentration; Waters; Sep-Pak C₁₈ cartridge 264(1992)241

Chromatography; 8-Quinolinol-5-sulphonic acid; Trace metals; Non-selective, Post-column 264(1992)297

Enzymatic meth.; Carcinoembryonic antigen; Enzyme-linked immunosorbent assay; Horseradish peroxidase, o-Phenylenediamine 264(1992)359

Immunoassay; Antigen-antibody binding; Coproporphyrin-I; Immunoglobulin G; Langmuir-Blodgett films; Ferritin 265 (1992)21

Catalytic meth.; Flow injection; Kinetic meth.; Foods; Meat; Nitrate; Nitrite; Waters; Bromate, Phenosafranine oxidation, Stopped-flow 265(1992)103

N.m.r. spectrometry; Aldehydes; 7-Hydroxycoumarin-4-acethydrazide; Ketones 265(1992)111

Flow injection; Europium; Neodymium oxide; Rare earth elements; Samarium; Resin column 266(1992)67

Chemiluminescence; Liquid chrom.; Amines; Luminarin 1; Precolumn derivatization 266(1992)243

Chemiluminescence; Penicillins; Luminol-iodine reaction, Stopped-flow 266(1992)301

Chemiluminescence; Flow injection; Amino acids; Reversed micelles; Schiff bases; Aerosol OT surfactant, Phenylacetaldehyde 266(1992)359

Mass spectrometry; Catecholamines; Dopamine; Epinephrine; Norepinephrine; 1,2-Diphenylethylenediamine 267(1992)137

Kinetic meth.; UV-VIS; Imipramine; Serum; Stopped-flow mixing 269(1992)137

Flow injection; Milk; Pharmaceuticals; Sulphonamides; Photochemically induced fluorescence 269(1992)193

Liquid chrom.; Aldehydes; Carbonyl compounds; Ketones; Luminarin 3 269(1992)211

Brønsted activity factors; Debye-Hückel theory; Dioxanewater mixtures; pH determination 269(1992)257

Liquid chrom.; Aspartame; Foods; Glutamate; Fluorescamine, Fluorigenic labelling 270(1992)45

Acoustic meth.; Iodine; Lasers; Nitrogen oxides; Nuclear fuel reprocessing off-gas 270(1992)181

G

Gas chromatography

Mass spectrometry; Fenitrothion; Pesticides; Photolysis; Mercury lamp, Water-methanol 262(1992)167

At. emission spectrom.; Lead; Microwave-induced plasma; Plasmas; Speciation; Waters; Grignard derivatization, Organolead 262(1992)285

Mass spectrometry; Butyltin compounds; Ion-trap detection; Sea water; Waters; Space-charging effect 262(1992)307

GC-MS; Liquid chrom.; Mass spectrometry; Supercrit. fluid chromatogr.; Environmental samples; Pesticides; Review 263 (1992)1

Butyltin compounds; Mussels; Organotin compounds; Phenyltin compounds; Sea water; Sediments; Waters; Simultaneous determination 264(1992)91

Sample prep.; Distillation; Fatty acids; Landfill leachates; Waters 264(1992)259

Demixing; Extraction; Volatile compounds; 2-Propanol 264 (1992)311

Methylene oxide 264(1992)365

Mass spectrometry; Air pollutants; Expert systems; Pattern recognition; Toxic compounds, Organic compounds 265 (1992)43

At. emission spectrom.; Birds; Chloro compounds; Pesticides; Sulphur compounds; Universal calibration 265(1992)87

Sample prep.; Calibration; Isothiocyanates; Silica gel; Standard gas mixtures; Thermal decomposition 265(1992)127

GC-MS; Sample prep.; Dalapon; Herbicides; Tetrapion; Waters; Propionic acid herbicides, Trifluoroanilide derivatives 267(1992)25

Liquid chrom.; Copper; Nickel; Palladium; Schiff bases 268 (1992)49

Optim. meth.; Factorial design; Polycyclic aromatic hydrocarbons; Simplex optimization 268(1992)67

Atrazine; Estuarine samples; Simazine 268(1992)195

Microwave-induced plasma; Noise spectra; Plasmas; Reflected power 269(1992)89

Organochlorine pesticides; Pesticides; Polychlorobiphenyls; Sediments; Electron-capture detection 269(1992)205

Gas chromatography-mass spectrometry

Gas chromatography; Liquid chrom.; Mass spectrometry; Supercrit. fluid chromatogr.; Environmental samples; Pesticides; Review 263(1992)1

Gas chromatography; Sample prep.; Dalapon; Herbicides; Tetrapion; Waters; Propionic acid herbicides, Trifluoroanilide derivatives 267(1992)25

Gel permeation chromatography

Equilibrium dialysis; Fulvic acids; Humic acids; Waters; Soils; Fractionation, Solubility 267(1992)47

Liquid chrom.; UV-VIS; Fermentation; Sulphite liquor; Waters; Wood; Diode array 270(1992)63

H

Hydride generation

Flow injection; Kinetic meth.; Conversion techniques, Immobilized enzymes 261(1992)125

At. abs. spectrometry; Interferences; Hydride-forming element cross-interferences, Oxygen, Quartz-tube atomizer 263 (1992)111

At. abs. spectrometry; Antimony; Arsenic; Multivariate analysis; Selenium; Interferences, Multiple linear regression 268 (1992)115

At. abs. spectrometry; Arsenic; Microwave digestion; Selenium; Electrical heating system 268(1992)315

At. abs. spectrometry; Flow injection; Arsenic; Selenium; Environmental samples 270(1992)231

I

Immunoassay

Amperometry; Flow injection; Enzymatic meth.; Enzyme-linked immunosorbent assay; Immunoglobulin E; Mathematical model, Platinum wire electrode 261(1992)45 Fluorimetry; Antigen-antibody binding; Coproporphyrin-I; Immunoglobulin G; Langmuir-Blodgett films; Ferritin 265 (1992)21

Chemiluminescence; Enzymatic meth.; Camera luminometer; Ferritin; Serum ferritin 266(1992)193

Chemiluminescence; Acridinium salts; Hepatitis B antigen; Luminometer; Detection, Immunochemiluminometric assay 266(1992)201

Chemiluminescence; Electroluminescence immunoassay; Phospholipase A₂; Aluminium electrode, Heterogeneous and homogeneous assays, Terbium complex of 2,6-bis[N,N-bis(carboxymethyl)aminomethyl]-4-benzoylphenol 266(1992) 205

Chemiluminescence; Enzymatic meth.; β-D-Galactosidase; 17α-Hydroxyprogesterone; Thyroxine 266(1992)213

Enzyme amplified immunoassay; Microtitre plate; Nitroethane; Suicide substrate; Thyroid stimulating hormone; Hyperthyroidism, FADP 269(1992)301

Inductively coupled plasma-mass spectrometry

Potassium hydrogenphthalate; Trace metals; Electrothermal vaporization, Ion-exchange separation 265(1992)93

Biological samples; Rats; Trace elements 269(1992)115

Geological materials; Laser ablation; Microprobe analysis 269(1992)263

Inductively coupled plasma spectrometry

At. emission spectrom.; Sample prep.; Lanthanides; Ores; Rare earth elements; Yttrium; Interferences, Monazite 264 (1992)333

At. emission spectrom.; Sample prep.; Chelating resins; Gold; Iridium; Palladium; Platinum; Preconcentration; Poly(vinylthiopropionamide) resin, Trace enrichment 268(1992)323

At. abs. spectrometry; Boron; Tissue samples 270(1992)223

Infrared spectrometry

Flow injection; Xylene; Fourier transform 261(1992)53

At. abs. spectrometry; Polyacrylamides; Reineckate; Waters; Precipitation 263(1992)119

Artificial neural network; Iteration algorithm 265(1992)183

Chemiluminescence; DNPO; Hydrogen peroxide; Rubrene; CO_2 yield, Quantum yield 266(1992)219

Ion chromatography

Beverages; Inorganic cations; Micellar bile salt coated column; Waters; Wine 267(1992)141

At. abs. spectrometry; Flow injection; Aluminium determination; Cation exchange; Waters; Beverages, Flame 269(1992)1

Liquid chrom.; Reversed-phase ion-pair; EDTA complexes; Metal ions 270(1992)55

Ion exchange

Voltammetry; Lead; Preconcentration; Solid-state cell; Waters; High-resistive media, Nafion membrane, Polymer-coated electrode 264(1992)221

Flow injection; Sample prep.; UV-VIS; Preconcentration; Thorium; Uranium; Waters; Dowex 50-X8 264(1992)291

Polarography; Chelex-100; Chlorine; Chlorite; Waters; Interference 265(1992)117

Humic acids; Fulvic acids; Metal ion binding; Ultrafiltration; Waters; Zinc; Heterogeneity 267(1992)39

Flow system; UV-VIS; Absorptiometry; Copper; Waters; 4,7-Diphenyl-2,9-dimethyl-1,10-phenanthroline disulphonate, Karst groundwater storm runoff 268(1992)225

Equilibrium dialysis; Humic acids; Ligand exchange; Radionuclides; Stability constants 268(1992)235

Ion selective electrodes

Flow injection; Memory effect; Response time; Sample dispersion; Silverhalides 261(1992)381

Flow injection; Potentiometry; Chloride; Copper; Sea water; Thiocyanate; Urine; Waters; Membrane-coated carbon rod 261(1992)399

Flow injection; Potentiometry; Lead; Phosphate; Waters; Interferences 261(1992)411

Flow injection; Potentiometry; Ion-sensitive field-effect transistors; pH; Nitrate 261(1992)419

Crown ethers; Membrane electrodes; Poly(vinyl chloride); Rubidium; Thiourea-containing cryptands 263(1992)169

Voltammetry; Naphthalenesulphonates; Polypyrrole-modified electrodes; Alkali and alkaline earth metal chlorides, Cation-selective electrodes 266(1992)89

PVC coated wire electrodes; 4-Quinolones; Ciprafloxacin, Pharmaceuticals 268(1992)307

Isotope dilution methods

Liquid chrom.; Extraction; Geological materials; Isotope ratios; Strontium; Crown ether-loaded resin 269(1992)249



Kinetic analysis

Catalytic meth.; Flow injection; Catalytic reactions; Chromium; Cobalt; Copper; Iron; Manganese; Molybdenum; Selenium; Trace elements; Vanadium; Waters 261(1992)167

Chemiluminescence; Optical sensor; Oxygen; Platinum complex; Polymer film; Quenching, Stern-Volmer equation 262 (1992)27

Liquid chrom.; Fluorescence detection; Naphthalene-2,3-dicarboxaldehyde/cyanide; Peptides 262(1992)209

Kinetic methods

Flow injection; Hydride generation; Conversion techniques, Immobilized enzymes 261(1992)125 Piezoelectric sensors; Gold; Minerals; Electrodeposition, Gold-plated quartz crystal 263(1992)143

Catalytic meth.; Flow injection; Fluorimetry; Foods; Meat; Nitrate; Nitrite; Waters; Bromate, Phenosafranine oxidation, Stopped-flow 265(1992)103

Catalytic meth.; UV-VIS; Lead; Micellar medium; Dodecyltrimethylammonium micelles, Pyrogallol Red 266(1992)43

Fluorimetry; UV-VIS; Imipramine; Serum; Stopped-flow mixing 269(1992)137

UV-VIS; Blood; Reduced glutathione; Copper, Neocuproin 269(1992)273

L

Liquid chromatography

Amines; Amino acids; Peptides; Ferrocene tagging reagents; Electrochemical detection 262(1992)145

At. emission spectrom.; Lanthanum; Neodymium; Plasmas; Rare earth elements; Terbium; 2-Ethylhexyl hydrogen-2-ethylhexyl phosphonate, Hydroxypolyacrylate resin, PC-88A 262 (1992)161

Chemiluminescence; Orotate; Urine; Lanthanide ion sensitization 262(1992)201

Kinetic analysis; Fluorescence detection; Naphthalene-2,3-dicarboxaldehyde/cyanide; Peptides 262(1992)209

Gas chromatography; GC-MS; Mass spectrometry; Supercrit. fluid chromatogr.; Environmental samples; Pesticides; Review 263(1992)1

Evolving factor analysis; Peak purity control; Artefacts, Diode-array detection 263(1992)21

Evolving factor analysis; Heteroscedastic noise; Peak purity control; Diode-array detection, Fixed-size window 263(1992)29

Flow injection; Spectrophotometry; UVVIS; Creatine kinase; Isoenzyme activities 263(1992)43

Mass spectrometry; Data analysis; Hydrocarbon characterization 264(1992)79

Fluorimetry; Micellar media; Polynuclear aromatic hydrocarbons; Preconcentration; Waters; Sep-Pak C₁₈ cartridge 264 (1992)241

Sample prep.; Micelles; Ultrafiltration; Uranyl ions; Waters; Hydrophilic membranes, Surfactants 264(1992)303

UV-VIS; Condition index; Singular value decomposition; Spectral library searching 266(1992)13

Chemiluminescence; Peroxyoxalate chemiluminescence 266 (1992)175

Chemiluminescence; Flow system; Dipyridamole; Noise reduction; Phthalate esters; Di-2-ethylhexyl phthalate, Peroxyoxalate 266(1992)225

Chemiluminescence; Fluorimetry; Amines; Luminarin 1; Precolumn derivatization 266(1992)243

Chemiluminescence; Sample prep.; Air; Emission particulates; Engine emissions; Nitropyrenes; Diesel and gasoline engines, Reduction to aminopyrenes 266(1992)251

Chemiluminescence; Carboxylic acids; Engine oils; Oxidised 266(1992)257

Chemiluminescence; Luminol; Plasma; Phosphoglyceride hydroperoxides; Rat plasma 266(1992)287

Chemiluminescence; Indirect detection; Electrogenerated, Hydrogen peroxide, Luminol 266(1992)295

Evolving factor analysis; Heuristic evolving latent projections; Peak purity control 267(1992)63

Polyols; Silica gels; Sugars; Evaporative light scattering detection 267(1992)147

Gas chromatography; Copper; Nickel; Palladium; Schiff bases 268(1992)49

Sample prep.; Pesticides; Polar pollutants; Waters; Automated sample clean-up, Cartridge exchange system, Diodearray detection 268(1992)55

H-point standard addition method; Paraxanthine; Theophylline; Xanthines 268(1992)73

Methyl isothiocyanate; Pesticides; Waters; Coupled columns 268(1992)205

Casomorphin peptides; Peptides; Retention characteristics 268(1992)247

Sample prep.; Betamethasone; Dexamethasone; Pharmaceuticals; 1-Ethoxy-4-(dichloro-s-triazinyl)naphthalene 268(1992) 255

Chemiluminescence; Flow injection; Amino acids; Metalloporphyrins; Mimetic peroxidase 269(1992)109

Fluorimetry; Aldehydes; Carbonyl compounds; Ketones; Luminarin 3 269(1992)211

Cobalt; Nickel; Osmium; Palladium; Platinum; Rhodium; 2-(6-Methyl-2-benzothiazolylazo)-5-diethylaminophenol 269 (1992)223

Optim. meth.; Mathematical simulation; Metal chelates; Simulation; Reversed-phase 269(1992)229

Aflatoxins; Cyclodextrin; Inclusion compounds; Complex formation constants, Thermodynamic parameters 269(1992)239

Isotope dilut. meth.; Extraction; Geological materials; Isotope ratios; Strontium; Crown ether-loaded resin 269(1992)249

Optim. meth.; Mixture design; Phenylalanine; Tryptophan; Tyrosine; Mobile phase composition 270(1992)13

UV-VIS; Doping; Ethacrynic acid; Extraction; Pharmaceuticals; Urine; Solid-phase 270(1992)39

Fluorimetry; Aspartame; Foods; Glutamate; Fluorescamine, Fluorigenic labelling 270(1992)45

Ion chromatogr.; Reversed-phase ion-pair; EDTA complexes; Metal ions 270(1992)55

Gel perm. chromatogr.; UV-VIS; Fermentation; Sulphite liquor; Waters; Wood; Diode array 270(1992)63

Optim. meth.; Desirability functions; Organic solutes; Sequential simplex optimization; Acetophenone, Methylbenzoate, Phenol, Toluene, Uracil 270(1992)101

Amperometry; Flow injection; Carbohydrates; Chemically modified electrodes; Cobalt-based electrodes; Glassy carbon 270(1992)161

M

Mass spectrometry

Flow injection; Plasmas; Preconcentration; Rhenium; Sea water; Waters; Anion-exchange microcolumn, Inductively coupled, On-line 261(1992)315

Gas chromatography; Fenitrothion; Pesticides; Photolysis; Mercury lamp, Water-methanol 262(1992)167

Molecular weight distribution; Poly(ethylene glycols); Fast atom bombardment 262(1992)277

Gas chromatography; Butyltin compounds; Ion-trap detection; Sea water; Waters; Space-charging effect 262(1992)307

Gas chromatography; GC-MS; Liquid chrom.; Supercrit. fluid chromatogr.; Environmental samples; Pesticides; Review 263 (1992)1

Liquid chrom.; Data analysis; Hydrocarbon characterization 264(1992)79

Gas chromatography; Air pollutants; Expert systems; Pattern recognition; Toxic compounds, Organic compounds 265 (1992)43

Butylamines; Computer modelling; Reaction elucidation; Fragmentation and rearrangement reactions 265(1992)169

Glow discharge; Microporous membrane introduction; Volatile organic compounds; Aqueous solution 266(1992)1

Quadrupole MS; Secondary ion MS; Modification 267(1992)

Fluorimetry; Catecholamines; Dopamine; Epinephrine; Norepinephrine; 1,2-Diphenylethylenediamine 267(1992)137

N

Neutron activation methods

Radiochem. meth.; Ceramics; Silicon nitride powders; Instrumental, Radiochemical 264(1992)345

Nuclear magnetic resonance spectrometry

Fluorimetry; Aldehydes; 7-Hydroxycoumarin-4-acethydrazide; Ketones 265(1992)111

Electrophoresis; Alanine β-naphthylamide; Chiral recognition; Cyclodextrins; Enantiomeric separation; Inclusion complexes 268(1992)39



Optimization methods

At. emission spectrom.; Alumina powder; Data analysis; Genetic algorithms; Multicriteria target vectors, Simulations 265 (1992)211

Atom-to-atom mapping; Genetic algorithms 265(1992)227

Experimental design; Process anal.; Aluminium-silica-copper films; Analysis of variance; Integrated circuits; Metallization; Regression analysis; Interfacial properties 267(1992)111

Flow injection; Dialysis separation; Mathematical modelling; Membrane permeability; Axially dispersed plug flow model, Mass transfer 268(1992)7

Gas chromatography; Factorial design; Polycyclic aromatic hydrocarbons; Simplex optimization 268(1992)67

Calibration; Dynamic control; Genetic algorithms; Wavelength selection; Ideal genetic algorithm 268(1992)123

Liquid chrom.; Mathematical simulation; Metal chelates; Simulation; Reversed-phase 269(1992)229

Liquid chrom.; Mixture design; Phenylalanine; Tryptophan; Tyrosine; Mobile phase composition 270(1992)13

Liquid chrom.; Desirability functions; Organic solutes; Sequential simplex optimization; Acetophenone, Methylbenzoate, Phenol, Toluene, Uracil 270(1992)101

P

Phosphorimetry

Laser-induced phosphoresence; Pharmaceuticals; Room-temperature phosphorescence; Sport 270(1992)239

Piezoelectric sensors

Conductimetry/oscillometry; Aspirin; Pharmaceuticals; Quartz crystal; Salicylic acid; Frequency shift, p-matrix calibration 263(1992)77

Kinetic meth.; Gold; Minerals; Electrodeposition, Gold-plated quartz crystal 263(1992)143

Quartz crystals 264(1992)23

Anaesthetic gas monitoring; Crystals, piezoelectric 264(1992)

Gases; Organophosphorus compounds; Vapours 264(1992)43 Thiourea; Iodine reaction 268(1992)311 Titrimetry; Regression analysis; System parameters estimation, Titration data 269(1992)149

Acoustic meth.; Flow injection; Acoustic wave sensor; Quartz crystal, Thickness shear mode 269(1992)167

Coatings; Organophosphorus compounds; Vapour phase 269 (1992)289

Polarography

Voltammetry; Cadmium; Mercury electrodes; Adsorption, Bromide media 262(1992)129

Sample prep.; Apples; Extraction; Foods; Organochlorine pesticides; Pesticides; Differential-pulse, Emulsified medium 264(1992)141

Stoichiometry; Uranium dioxide; Differential-pulse, Oxygento-uranium ratio 264(1992)149

Ion exchange; Chelex-100; Chlorine; Chlorite; Waters; Interference 265(1992)117

Voltammetry; Cadmium; Copper; Expert system; Indium; Lead; Trace metals; Zinc; KES 268(1992)95

Voltammetry; Cobalt; Expert system; Nickel; Thallium; Trace metals; KES 268(1992)107

Voltammetry; Diffl. pulse voltammetry; Bilirubin 268(1992)185

Induced reactant adsorption; Metal-polyelectrolyte systems; Cadmium-polymethacrylate, Normal pulse 268(1992)261

Voltammetry; Adsorption; Cadmium; Lead; Stability constants 268(1992)275

Nicotinamide adenine dinucleotide; Differential pulse, Dropping mercury electrode 270(1992)173

Potentiometry

Flow injection; Ion sel. electrodes; Chloride; Copper; Sea water; Thiocyanate; Urine; Waters; Membrane-coated carbon rod 261(1992)399

Flow injection; Bromate; Chlorite; Dichromate; Hydrogen peroxide; Ozone; Iron(III)-iron(II) buffer, Sensitivity enhancement, Redox reaction 261(1992)405

Flow injection; Ion sel. electrodes; Lead; Phosphate; Waters; Interferences 261(1992)411

Flow injection; Ion sel. electrodes; Ion-sensitive field-effect transistors; pH; Nitrate 261(1992)419

Flow injection; Spectrophotometry; Chlorine; Gas diffusion unit; Halogens; Permeation; Coated-wire ion-selective electrode, Permanganate oxidation, PTFE porous membrane 261 (1992)461

Furazolidone; Stripping analysis 262(1992)123

Cadmium; Constant-current enhanced potentiometric stripping analysis 263(1992)63

Enzymatic meth.; Flow injection; Enzyme electrodes; Fermentation; Penicillin; Penicillinase electrode 264(1992)13

Conductimetry/oscillometry; Titrimetry; Acids; Dissociation constants; Standardization; Tetrahydrofuran; Glass electrodes, Tetrabutylammonium salts 264(1992)229

Enzymatic meth.; Blood; Phosphate; Serum; Alkaline phosphatase, *o*-Carboxyphenyl phosphate, Salicylate-sensitive membrane electrode 265(1992)]

Coulometry; Titrimetry; Hydrogen ions; Organic bases; Anodic oxidation, Depolarizers 265(1992)35

Conductimetry/oscillometry; Titrimetry; Acid strength; Benzoic acids; Dissociation constants; Tetrahydrofuran; Tetrabutylammonium salts 265(1992)157

Stripping voltam.; Gasoline; Lead; Organolead compounds; Tetraethyllead; Tetramethyllead 267(1992)165

Stripping voltam.; Beryllium; Trace measurement; Adsorptive stripping, Ultratrace determination 270(1992)137

Principal component analysis

Stripping voltam.; Cadmium; Lead; Procrustean analysis; Target factor analysis 263(1992)37

Fuzzy clustering; Microwave digestion; PROMETHEE, SIMCA 268(1992)81

Process analysis / on-line analysis

Flow injection; Bioprocess on-line control; Intelligent subsystems 265(1992)63

Experimental design; Optim. meth.; Aluminium-silica-copper films; Analysis of variance; Integrated circuits; Metallization; Regression analysis; Interfacial properties 267(1992)111

R

Radiochemical methods

Neutron activ. meth.; Ceramics; Silicon nitride powders; Instrumental, Radiochemical 264(1992)345

Reflectance spectrometry

At. abs. spectrometry; Gold films; Thin metal films 262(1992) 269

Reversed-phase ion-pair

Ion chromatogr.; Liquid chrom.; EDTA complexes; Metal ions 270(1992)55

S

Sample preparation

At. abs. spectrometry; Poly(aminophosphonic acid) resin; Preconcentration; Trace metals; Waters; Chelation 264(1992)53

At. abs. spectrometry; Biological samples; Microwave digestion; Trace metals; Acid digestion, Double PTFE vessel 264 (1992)101

Polarography; Apples; Extraction; Foods; Organochlorine pesticides; Pesticides; Differential-pulse, Emulsified medium 264(1992)141

Gas chromatography; Distillation; Fatty acids; Landfill leachates; Waters 264(1992)259

Flow injection; Ion exchange; UV-VIS; Preconcentration; Thorium; Uranium; Waters; Dowex 50-X8 264(1992)291

Liquid chrom.; Micelles; Ultrafiltration; Uranyl ions; Waters; Hydrophilic membranes, Surfactants 264(1992)303

At. emission spectrom.; Induct. coupled plasma spectrom.; Lanthanides; Ores; Rare earth elements; Yttrium; Interferences, Monazite 264(1992)333

Gas chromatography; Calibration; Isothiocyanates; Silica gel; Standard gas mixtures; Thermal decomposition 265(1992)127

Chemiluminescence; Liquid chrom.; Air; Emission particulates; Engine emissions; Nitropyrenes; Diesel and gasoline engines, Reduction to aminopyrenes 266(1992)251

Gas chromatography; GC-MS; Dalapon; Herbicides; Tetrapion; Waters; Propionic acid herbicides, Trifluoroanilide derivatives 267(1992)25

At. abs. spectrometry; Cadmium; Copper; Preconcentration; Sea water; Solid-phase extraction; Waters; Ammonium tetramethylenedithiocarbamate, Graphite furnace, Silica gel C₁₈ 267(1992)31

UV-VIS; UV-Visible spectrophotometry; Sample preparation; Multiple linear regression 267(1992)103

Liquid chrom.; Pesticides; Polar pollutants; Waters; Automated sample clean-up, Cartridge exchange system, Diodearray detection 268(1992)55

X-ray fluores. spectrometry; Coprecipitation; Preconcentration; Trace metals; Waters; Aluminium hydroxide 268(1992) 177

Liquid chrom.; Betamethasone; Dexamethasone; Pharmaceuticals; 1-Ethoxy-4-(dichloro-s-triazinyl)naphthalene 268(1992) 255

At. emission spectrom.; Induct. coupled plasma spectrom.; Chelating resins; Gold; Iridium; Palladium; Platinum; Preconcentration; Poly(vinylthiopropionamide) resin, Trace enrichment 268(1992)323

UV-VIS; Acid decomposition; Geological materials; Minerals; Rocks; Silica; Room temperature 268(1992)357

At. abs. spectrometry; Chromium; Copper; Manganese; Preconcentration; Sea water; Chelex-100, Lewatit TP 207 270 (1992)79

Sensors

see also Biosensors

Concanavalin A; Phosphatidylcholine; Unilamellar vesicles; Non-selective interactions 264(1992)185

Voltammetry; Mathematical enhancement; Performance 264 (1992)197

Bulk optode membranes; Optodes; Plasticized PVC 266 (1992)73

Amperometry; Biosensors; Enzyme electrodes; Poly(vinyl chloride); Hydrogen peroxide, Permselective barrier membrane 269(1992)65

Chlorine detection; Diffusion membrane; Silicon based sensor; On-wafer deposited chemically anchored diffusion membrane 269(1992)75

Ammonia; pH; Waters; Immobilized pH indicator, Optical-chemical sensor 269(1992)83

Signal processing methods

Flow injection; Peak intensities; Wavelet transform 267(1992) 73

UV-VIS; Kalman filter; Robust statistics; Outliers 269(1992) 307

Spectrophotometry

Flow injection; Amino acids; Pyrolysis; Malachite Green, Peroxodisulphate digestion 261(1991)23

Flow injection; Aluminium; Iron; Multi-site detection; Plant materials; Detector relocation 261(1992)59

Flow injection; Biological samples; Proteins; Urine; Coomassie Brilliant Blue, Double-plunge pump, Titanium reaction tube 261(1992)67

Flow injection; Copper; Serum; 2-(2-Thiazolylazo)-4-methyl-(sulphomethylamino)benzoic acid 261(1992)87

Flow injection; Immobilized enzyme reactors; Sugars; Fructose, Glucose, Sucrose 261(1992)137

Catalytic meth.; Flow injection; Manganese; Waters; Catalysis of oxidative coupling, N,N-Dimethyl-p-phenylenediamine, Hydrogen peroxide, m-Phenylenediamine 261(1992)183

Catalytic meth.; Flow injection; Sea water; Vanadium; Waters; Catalytic reaction, Continuous flow, Bindschedler's green leuco base 261(1992)189

Flow injection; Copper; Iron; Serum; 2-(5-Bromo-2-pyridyl-azo)-5-(N-propyl-N-sulphopropylamino)analine 261(1992)197

Flow injection; Biological samples; Cobalt; 2-(5-Bromo-2-pyridylazo)-(5-N-propyl-N-sulphopropylamino)aniline, Copper(II) rate-enhancing effect 261(1992)205

Flow injection; Complexing agents; Copper(II)-iron(II) redox reaction, Neocuproine 261(1992)213

Flow injection; Chromium; Sandwich techniques; Waters; Leather plant effluent 261(1992)219

Flow injection; Crown ethers; Potassium; Waters; Precipitation, Tetraphenylborate 261(1992)225

Flow injection; Chlorine 261(1992)233

Flow injection; Sulphate; Waters; Barium chloranilate-cellulose reaction column 261(1992)241

Flow injection; Cyanide; Waters; Kinetics, Pyridine-barbituric acid reaction 261(1992)247

Flow injection; Phenols; Waters; 4-Aminoantipyrine, 3-Methyl-2-benzothiazoline hydrazone 261(1992)253

Flow injection; Acetaminophen; Paracetamol; Pharmaceuticals; 2-Iodylbenzoate oxidation 261(1992)261

Flow injection; Carbon; Dissolved organic carbon; Waters; UV photo-oxidation 261(1992)287

Flow injection; Chemical oxygen demand; Microwave oven; Waters 261(1992)295

Flow injection; Chemical oxygen demand; Waters; Potassium permanganate, Segmented flow 261(1992)301

Flow injection; Ammonia; Preconcentration; Waters; Cationexchange column 261(1991)339

Flow injection; Ammonium; Fish farming; Sea water; Waters 261(1992)345

Flow injection; Bitterness; Extraction; Olive oil; Solid-liquid 261(1992)367

Flow injection; Extraction; Liquid membranes; Preconcentration; Flow-through supported liquid membrane unit 261 (1992)441

Flow injection; Chloride; Nitrogen; Waters; Ammonia-N, Dialysis, Industrial effluents, Gas diffusion 261(1992)453

Flow injection; Potentiometry; Chlorine; Gas diffusion unit; Halogens; Permeation; Coated-wire ion-selective electrode, Permanganate oxidation, PTFE porous membrane 261(1992) 461

Fluorimetry; Flow injection; Extraction; Surfactants; Waters; Anionic, Dyes, On-tube detection 261(1992)471

Flow injection; Titrimetry; Acids; Acid-base, Unsegmented flow 261(1992)489

Flow injection; Titrimetry; Metal ions; Complexometric, Redox 261(1992)495

Flow injection; Titrimetry; Chelatometry; Zinc; Flexible fused-silica capillary tubing 261(1992)505

Automated alkaline methods; Blood; Cyanide; Haemoglobin; Micelles 262(1992)67

Ferrocene; Iron; Proteins; Ferrozine complex, Trichloroacetic acid 262(1992)87

Flow injection; Fibre-optic sensor; Ores; Palladium; Chromogenic reagents 262(1992)97

Flow injection; Bismuth; Borosilicate glass; Silicon 262(1992) 243

Derivative spectroscopy; Erbium; Neodymium; Rare earth elements; Diethylamine, Electron transitions, Ferron 262 (1992)253

Flow injection; LC; UVVIS; Creatine kinase; Isoenzyme activities 263(1992)43

Fuzzy linear programming; Multicomponent spectra; Spectrophotometry; Deconvolution 265(1992)55

Flow injection; Benzyltributylammonium cations; Cupro-nickel alloy; Extraction; Liquid-liquid extraction; Manganese 270 (1992)213

Molybdenum; Silicate rocks; Toluene-3,4-dithiol complexes; Tungsten; Granite, Sequential determination 270(1992)267

Stripping voltammetry

Catalytic meth.; Chromium; Sea water; Waters 262(1992)103

Voltammetry; Aluminium; Solochrome Violet RS 262(1992) 339

Principal components; Cadmium; Lead; Procrustean analysis; Target factor analysis 263(1992)37

Complexation; Copper; Ligand competition; Sea water; Speciation; Waters; Anodic stripping, Labile metal fraction 264 (1992)153

Titrimetry; Metal-polyacid complexes; Protolytic control; Zinc; Polymethacrylic acid 264(1992)163

Cupferron; Uranium-cupferron complex; Uranium; Adsorptive accumulation, Selective determination, Trace 264(1992) 205

Hair; Lead; Mercury microelectrodes; Anodic stripping 264 (1992)213

Alkyllead compounds; Extraction; Sea water; Waters; Differential-pulse anodic stripping, Hexane extraction, Nitric acid re-extraction 264(1992)249

Amperometry; Voltammetry; Carbon fibre ultramicroelectrode array; Dihydroxy phenylalanine; DOPA; Pharmaceuticals; Nafion coating 265(1992)27

Potentiometry; Gasoline; Lead; Organolead compounds; Tetraethyllead; Tetramethyllead 267(1992)165

Copper; Hair; Adsorption, Beryllon III complex 268(1992)293

Voltammetry; Adsorption; Derivative current; Reversible interfacial reaction; Linear potential sweep 268(1992)301

Potentiometry; Beryllium; Trace measurement; Adsorptive stripping, Ultratrace determination 270(1992)137

Fruit juices; Tin; Adsorptive cathodic stripping, Glassy carbon mercury film electrode 270(1992)143

Copper; Humic acids; Sodium dodecyl sulphate; Thin mercury film glassy carbon electrode 270(1992)153

Supercritical fluid chromatography

Gas chromatography; GC-MS; Liquid chrom.; Mass spectrometry; Environmental samples; Pesticides; Review 263(1992)1

T

Thermometric methods

Enthalpimetry; Petroleum; Sulphur compounds; Thiols; Kerosene medium, Phenylmercury(II) acetate 268(1992)171

Alumina; Waters; Porosity 269(1992)157

Titrimetry

Flow injection; Spectrophotometry; Acids; Acid-base, Unsegmented flow 261(1992)489

Flow injection; Spectrophotometry; Metal ions; Complexometric, Redox 261(1992)495

Flow injection; Spectrophotometry; Chelatometry; Zinc; Flexible fused-silica capillary tubing 261(1992)505

Lead; Metal ions; Precipitation; Glass electrode, Hydrolytic reaction, pH 263(1992)147

Cyanide; Iodine-azide reaction; Sodium tetrathionate 263 (1992)155

Cadmium; Chromaticity parameters; Colour changes; Trichromatic colorimetry; EDTA, Metallochromic indicators, Specific colour discrimination 264(1992)137

Stripping voltam.; Metal-polyacid complexes; Protolytic control; Zinc; Polymethacrylic acid 264(1992)163

Conductimetry/oscillometry; Potentiometry; Acids; Dissociation constants; Standardization; Tetrahydrofuran; Glass electrodes, Tetrabutylammonium salts 264(1992)229

Coulometry; Potentiometry; Hydrogen ions; Organic bases; Anodic oxidation, Depolarizers 265(1992)35

Conductimetry/oscillometry; Potentiometry; Acid strength; Benzoic acids; Dissociation constants; Tetrahydrofuran; Tetrabutylammonium salts 265(1992)157

Amino acids; Copper; Peptides; Caseine proteolysates 268 (1992)163

Flow injection; Variable-volume piston burette 269(1992)29

Piezoelectric sensors; Regression analysis; System parameters estimation, Titration data 269(1992)149

U

UV-Visible spectrophotometry

Flow injection; Sea water; Waters 261(1992)307

At. abs. spectrometry; Amperometry; Flow injection; Digital filter; Signal processing 261(1992)521

Flow injection; Spectrophotometry; LC ; Creatine kinase; Isoenzyme activities 263(1992)43

Copper; Extraction; Oximes; Sea water; Waters; Cellulose triacetate powder 264(1992)59

Sulphate; Barium haloanilates 264(1992)131

Flow injection; Flow system; Calibration; Dilution; Process analysis; Automation, Continuous flow, Open-closed flow system 264(1992)265

Chemiluminescence; Enzymatic meth.; Flow injection; Enzymatic hydrolysis; Nitrophenyl glucuronide; Urine; Glucuronidase, Immobilized biocatalysts 264(1992)275

Flow injection; Cerium arsenite; Pharmaceuticals; Promethazine; Solid-phase reactor; Oxidation 264(1992)283

Flow injection; Ion exchange; Sample prep.; Preconcentration; Thorium; Uranium; Waters; Dowex 50-X8 264(1992)291

Liquid chrom.; Condition index; Singular value decomposition; Spectral library searching 266(1992)13

Aminoaza-3-bicyclo[3.3.0]octane; Hydrazone, Monochloramine 266(1992)39

Catalytic meth.; Kinetic meth.; Lead, Micellar medium; Dodecyltrimethylammonium micelles, Pyrogallol Red 266(1992)43

Flow injection; Pesticides; Propoxur; Waters; p-Aminophenol hydrolysis 266(1992)119

Phenols; Multiple linear regression 267(1992)95

Sample prep.; UV-Visible spectrophotometry; Sample preparation; Multiple linear regression 267(1992)103

Flow injection; Gradient scanning; pH; Tristimulus colorimetry; Bovine serum albumin 268(1992)29

Derivative spectroscopy; Extraction; Multivariate analysis; Polycyclic aromatic hydrocarbons; Mathematical filters 268 (1992)135

Cetylpyridinium chloride; Hexadecylpyridinium chloride; Iodide; Micellar media; Triiodide 268(1992)145

Derivative spectroscopy; Fenitrothion; Insecticides; Neopynamine; Permethrin; Piperonyl butoxide 268(1992)153

Flow system; Ion exchange; Absorptiometry; Copper; Waters; 4,7-Diphenyl-2,9-dimethyl-1,10-phenanthroline disulphonate, Karst groundwater storm runoff 268(1992)225

Bathophenanthroline; Iron; Poly(vinyl chloride) membrane 268(1992)351

Sample prep.; Acid decomposition; Geological materials; Minerals; Rocks; Silica; Room temperature 268(1992)357

Flow injection; Polyphenol index; Wines; Folin-Ciocaltau reagent 269(1992)21

Fluorimetry; Kinetic meth.; Imipramine; Serum; Stopped-flow mixing 269(1992)137

Electron spin res.; Protein denaturation; Stopped-flow apparatus; Adjustable pistons, Vertical design 269(1992)143

Flow injection; Cardiac glycosides; Pharmaceuticals; Picric acid 269(1992)199

Dithizone; Stabilization; Chloroform-acetic acid 269(1992)269

Kinetic meth.; Blood; Reduced glutathione; Copper, Neocuproin 269(1992)273

Signal proc. meth.; Kalman filter; Robust statistics; Outliers 269(1992)307

Liquid chrom.; Doping; Ethacrynic acid; Extraction; Pharmaceuticals; Urine; Solid-phase 270(1992)39

Gel perm. chromatogr.; Liquid chrom.; Fermentation; Sulphite liquor; Waters; Wood; Diode array 270(1992)63

Waters; Continuous monitoring, Diode array 270(1992)187

Flow injection; Chloride; Silver chloranilate; Waters 270 (1992)217

Blank bias error; H-point method; Standard addition method; Absorbance increment 270(1992)253



Voltammetry

see also Anodic stripping voltammetry, Cyclic voltammetry, Differential pulse voltammetry, Stripping voltammetry

Flow injection; Ascorbic acid; Fruit juices; Soft drinks; Square-wave 261(1992)375

Pol; Cadmium; Mercury electrodes; Adsorption, Bromide media 262(1992)129

Stripping voltam.; Aluminium; Solochrome Violet RS 262 (1992)339

Catechols; Reverse differential-pulse 264(1992)177

Sensors; Mathematical enhancement; Performance 264(1992) 197

Ion exchange; Lead; Preconcentration; Solid-state cell; Waters; High-resistive media, Nafion membrane, Polymer-coated electrode 264(1992)221

Amperometry; Stripping voltam.; Carbon fibre ultramicroelectrode array; Dihydroxy phenylalanine; DOPA; Pharmaceuticals; Nafion coating 265(1992)27

Ion sel. electrodes; Naphthalenesulphonates; Polypyrrolemodified electrodes; Alkali and alkaline earth metal chlorides, Cation-selective electrodes 266(1992)89

Electron transfer mediators; Photobioelectrodes; Quinones; Photosynthetic reaction centres 266(1992)97

Sulphide; Sulphur; Waters; Electrolyte solutions 267(1992)157

Polarography; Cadmium; Copper; Expert system; Indium; Lead; Trace metals; Zinc; KES 268(1992)95

Polarography; Cobalt; Expert system; Nickel; Thallium; Trace metals; KES 268(1992)107

Polarography; Diffl. pulse voltammetry; Bilirubin 268(1992)185

Polarography; Adsorption; Cadmium; Lead; Stability constants 268(1992)275

Stripping voltam.; Adsorption; Derivative current; Reversible interfacial reaction; Linear potential sweep 268(1992)301



X-ray fluorescence spectrometry

Electron probe meth.; Cluster analysis; Hierarchical cluster techniques; Kappa statistics; Minerals; Ward's method 267 (1992)81

Sample prep.; Coprecipitation; Preconcentration; Trace metals; Waters; Aluminium hydroxide 268(1992)177

Expert systems; Artificial intelligence; Elemental analysis 270 (1992)115

